5.2. Conducted Test Results

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimun VBW (kHz)
BLE 2M	2402	10.000	10.000	1.000	0.000	0.010
BLR C8	2402	10.000	10.000	1.000	0.000	0.010

BLE 2M	
On+off time	

BLR C8	
On+off time	

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
BLE 1M	2402	4.00	Command
	2440	4.00	
	2480	4.00	
BLE 2M	2402	4.00	
	2440	4.00	
	2480	4.00	
BLR C2	2402	4.00	
	2440	4.00	
	2480	4.00	
BLR C8	2402	4.00	
	2440	4.00	
	2480	4.00	

Test Mode	Frequency (MHz)	Average Power	Peak Power	Power Limit
		dBm	dBm	dBm
BLE 1M	2402	2.28	2.54	30.00
	2440	1.89	2.15	30.00
	2480	1.60	1.85	30.00
BLE 2M	2402	2.31	2.60	30.00
	2440	1.91	2.18	30.00
	2480	1.62	1.86	30.00
BLR C2	2402	2.29	2.56	30.00
	2440	1.90	2.13	30.00
	2480	1.62	1.86	30.00
BLR C8	2402	2.30	2.58	30.00
	2440	1.91	2.14	30.00
	2480	1.63	1.87	30.00

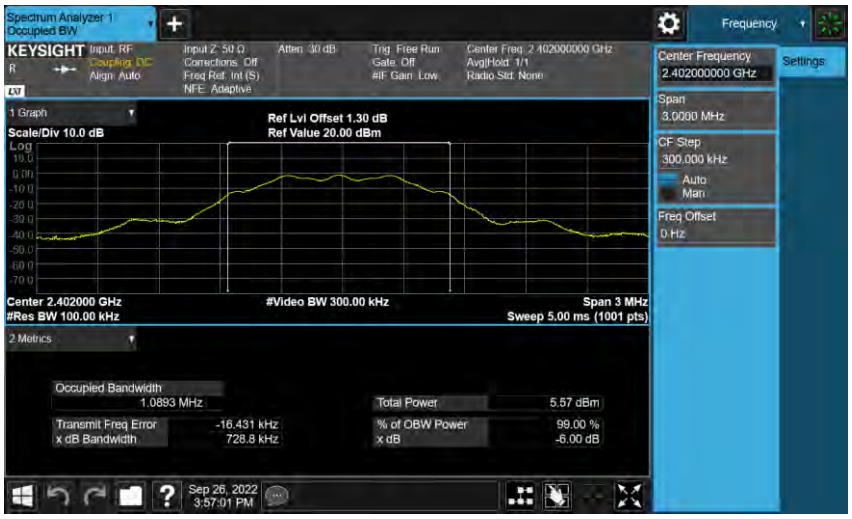
Note: The relevant measured result has the offset with cable loss already.

6 dB RF Bandwidth Measurement

Test mode	Frequency	6dB Occupied Bandwidth	6dB Limit
	(MHz)	(kHz)	(kHz)
BLE 2M	2402	1415.0000	≧ 500
	2440	1434.0000	≧ 500
	2480	1452.0000	≧ 500
BLR C8	2402	728.8000	≧ 500
	2440	742.2000	≧ 500
	2480	747.3000	≧ 500

■ Test Graphs

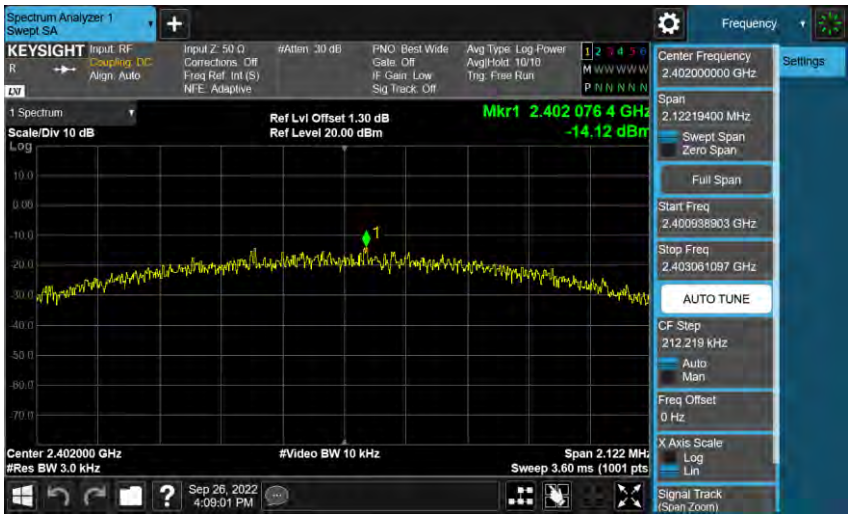
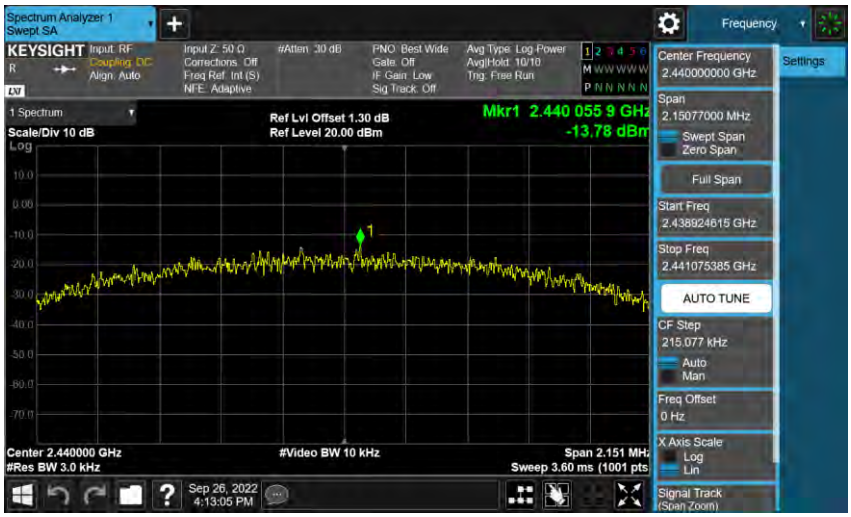
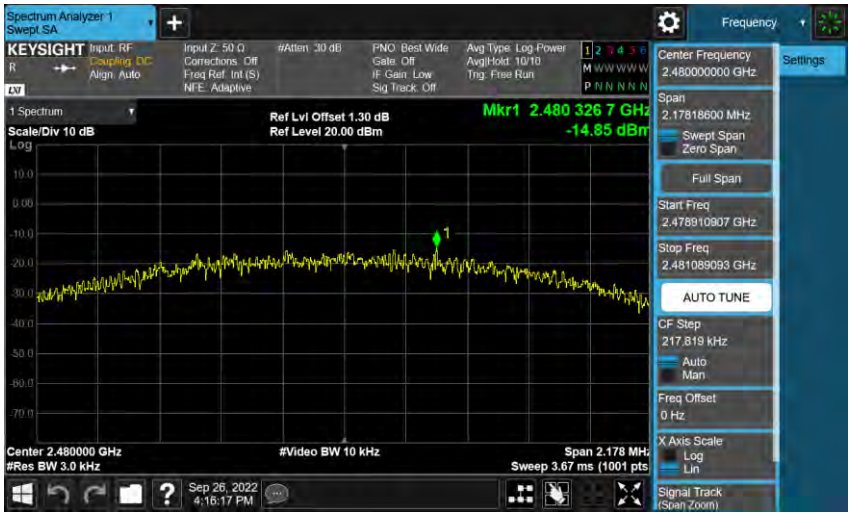
BLE 2M	
2402 MHz	
2440 MHz	
2480 MHz	

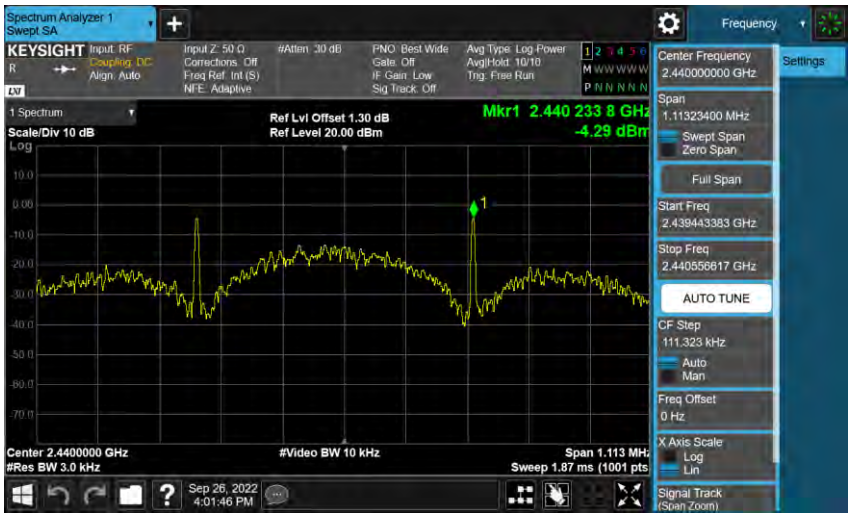
BLR C8	
2402 MHz	
2440 MHz	
2480 MHz	

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3kHz)	(dBm/3kHz)
BLE 2M	2402	-14.120	≦ 8
	2440	-13.780	≦ 8
	2480	-14.850	≦ 8
BLR C8	2402	-4.050	≦ 8
	2440	-4.290	≦ 8
	2480	-4.570	≦ 8

■ Test Graphs

BLE 2M	
2402 MHz	
2440 MHz	
2480 MHz	

BLR C8	
2402 MHz	
2440 MHz	
2480 MHz	

Out of Band Conducted Emissions Measurement

■ Test Graphs

Reference level

BLE 2M	
2402 MHz	
2440 MHz	
2480 MHz	

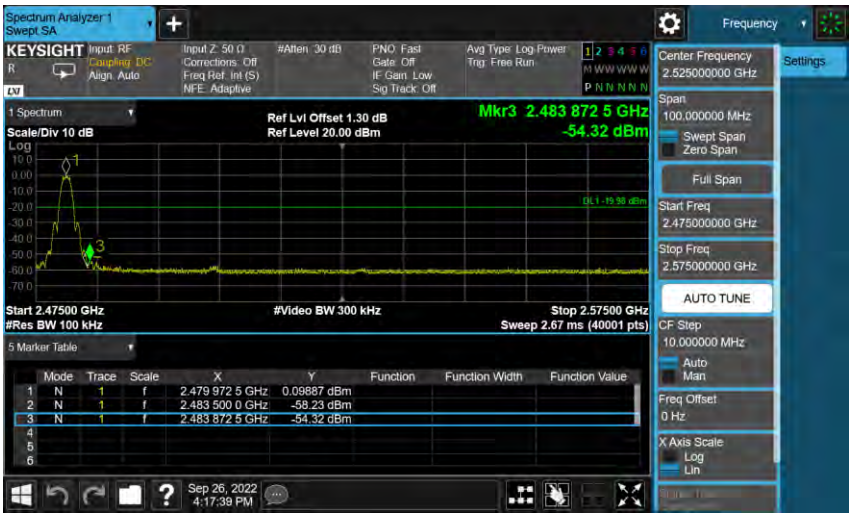
BLR C8	
2402 MHz	
2440 MHz	
2480 MHz	

Out of Band Conducted Spurious Emission

BLE 2M	
2402 MHz	
2440 MHz	
2480 MHz	

BLR C8	
2402 MHz	
2440 MHz	
2480 MHz	

Conducted Band Edge

BLE 2M	
2402 MHz	
2480 MHz	

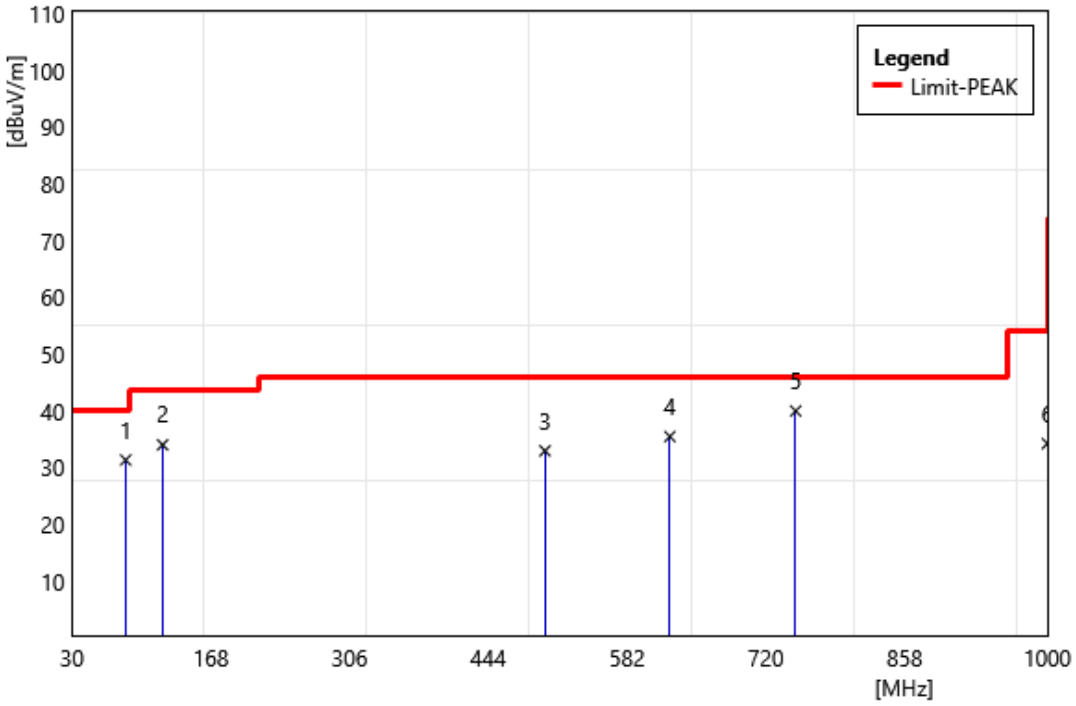
BLR C8	
2402 MHz	
2480 MHz	

5.3. Radiated Emission Measurement

FG-1501G

1 GHz 以下

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		



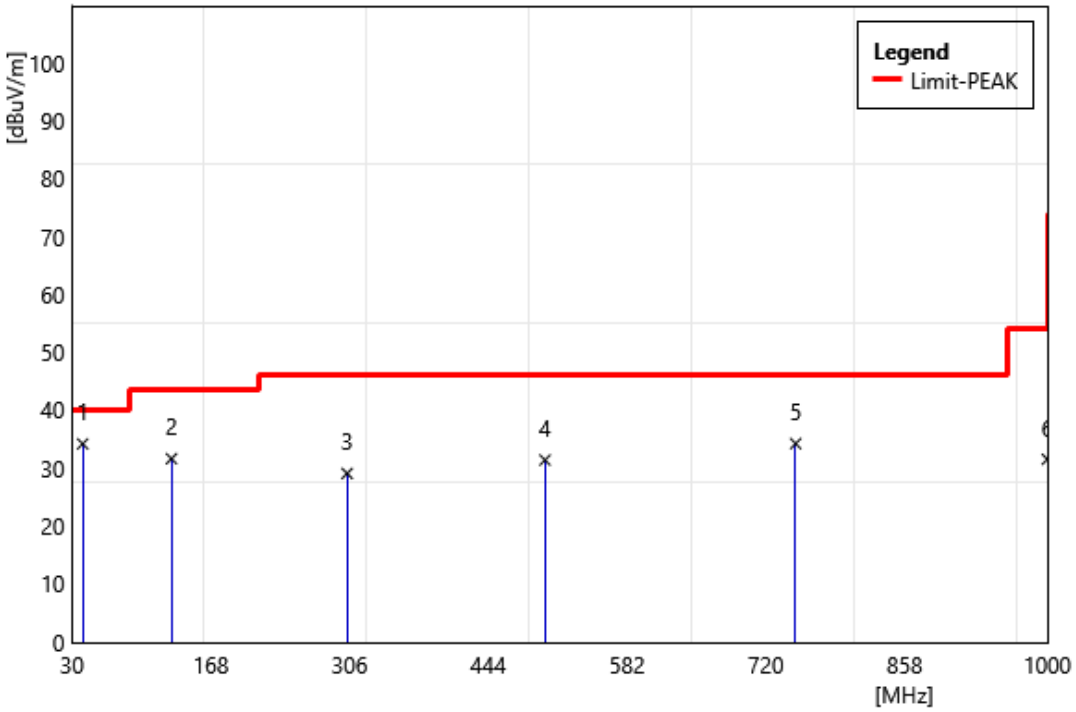
Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	83.35	48.62	-17.31	31.31	40	-8.69	QP
2	120.21	48.24	-14.26	33.98	43.5	-9.52	QP
3	500.45	39.7	-6.78	32.92	46	-13.08	QP
4	624.61	39.69	-4.26	35.43	46	-10.57	QP
5	749.74	42.24	-2.28	39.96	46	-6.04	QP
6	1000	33.9	0.29	34.19	54	-19.81	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

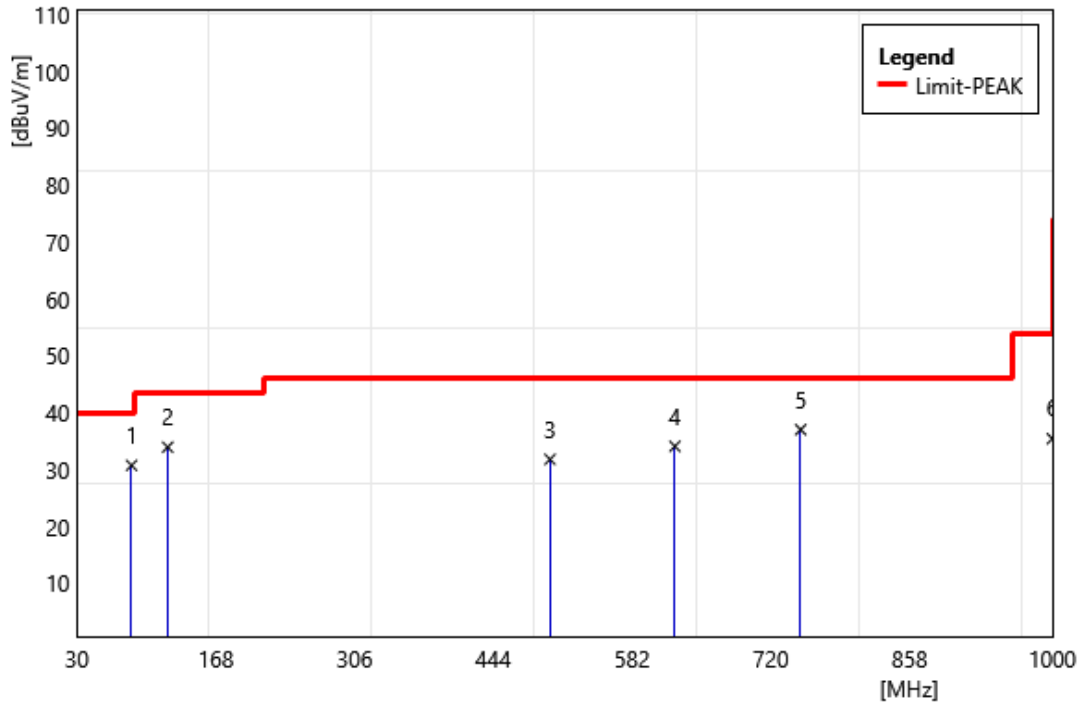


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	40.67	46.57	-12.41	34.16	40	-5.84	QP
2	128.94	45.09	-13.49	31.6	43.5	-11.9	QP
3	303.54	40.18	-11.12	29.06	46	-16.94	QP
4	500.45	38.16	-6.78	31.38	46	-14.62	QP
5	749.74	36.5	-2.28	34.22	46	-11.78	QP
6	1000	31.21	0.29	31.5	54	-22.5	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		

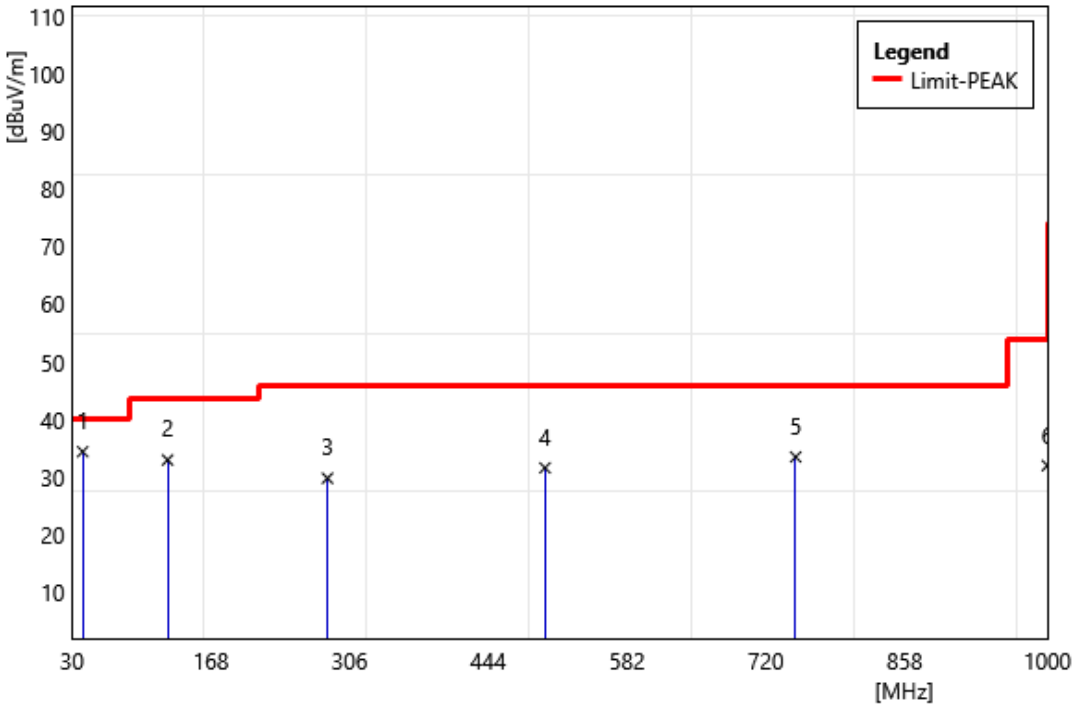


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	84.32	48.28	-17.53	30.75	40	-9.25	QP
2	120.21	48.21	-14.26	33.95	43.5	-9.55	QP
3	500.45	38.59	-6.78	31.81	46	-14.19	QP
4	624.61	38.36	-4.26	34.1	46	-11.9	QP
5	749.74	39.31	-2.28	37.03	46	-8.97	QP
6	1000	35.14	0.29	35.43	54	-18.57	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		



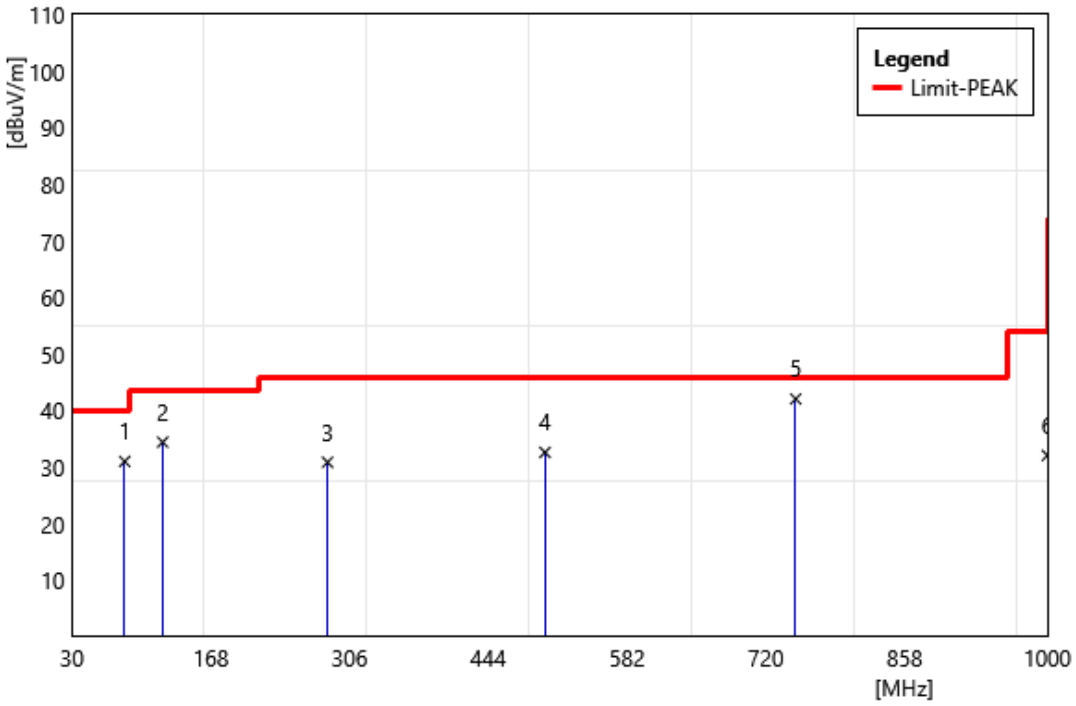
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	40.67	46.78	-12.41	34.37	40	-5.63	QP
2	125.06	46.86	-13.92	32.94	43.5	-10.56	QP
3	284.14	41.32	-11.56	29.76	46	-16.24	QP
4	500.45	38.35	-6.78	31.57	46	-14.43	QP
5	749.74	35.75	-2.28	33.47	46	-12.53	QP
6	1000	31.67	0.29	31.96	54	-22.04	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-1500G

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

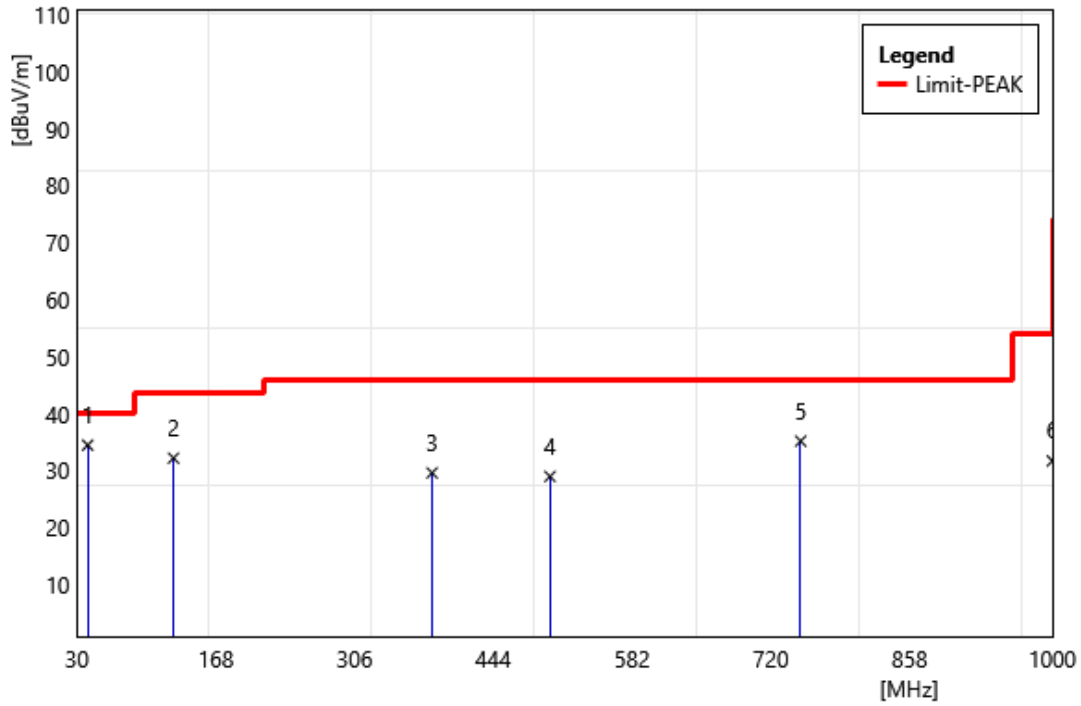


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	82.38	48.11	-17.05	31.06	40	-8.94	QP
2	120.21	48.72	-14.26	34.46	43.5	-9.04	QP
3	284.14	42.48	-11.56	30.92	46	-15.08	QP
4	500.45	39.44	-6.78	32.66	46	-13.34	QP
5	749.74	20.48	-2.28	18.2	46	-27.8	QP
6	1000	31.83	0.29	32.12	54	-21.88	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

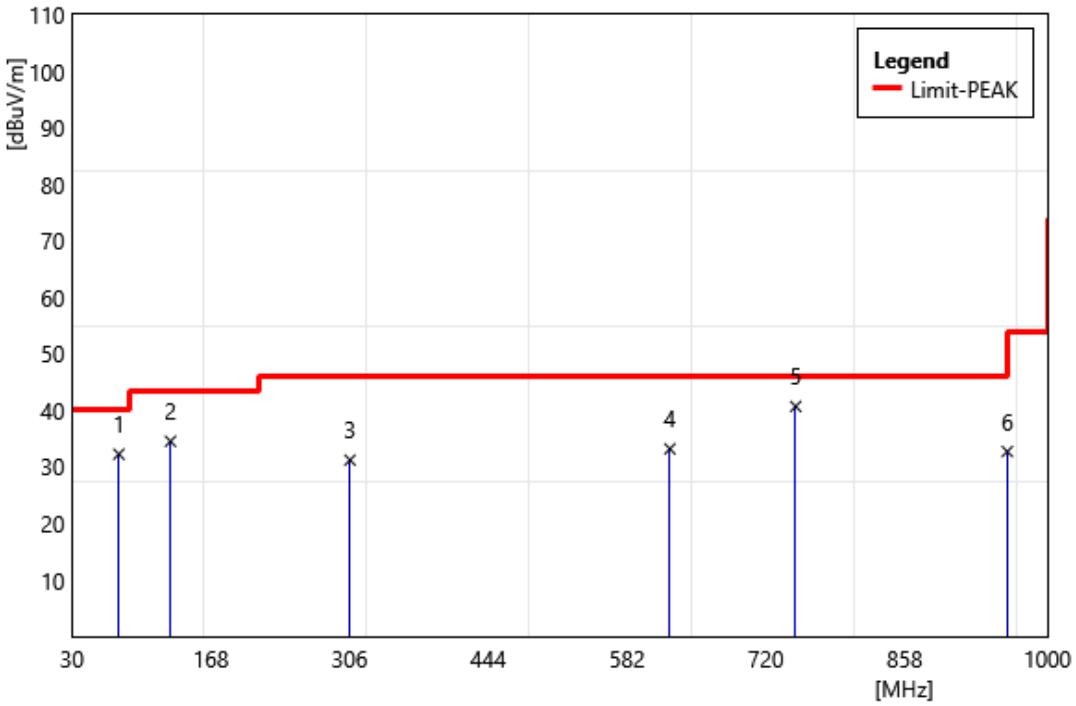


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	40.67	46.87	-12.41	34.46	40	-5.54	QP
2	126.03	45.9	-13.72	32.18	43.5	-11.32	QP
3	383.08	38.61	-9.02	29.59	46	-16.41	QP
4	500.45	35.75	-6.78	28.97	46	-17.03	QP
5	749.74	37.45	-2.28	35.17	46	-10.83	QP
6	1000	31.4	0.29	31.69	54	-22.31	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		

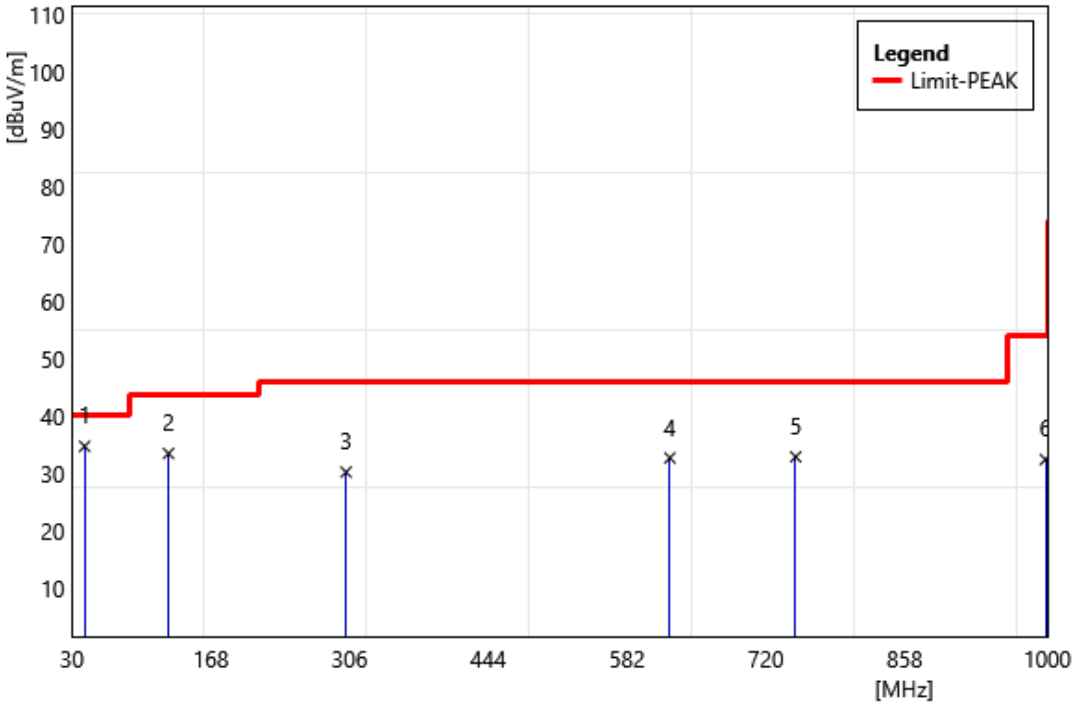


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	76.56	47.96	-15.68	32.28	40	-7.72	QP
2	127.97	48.16	-13.6	34.56	43.5	-8.94	QP
3	306.45	42.24	-11.01	31.23	46	-14.77	QP
4	624.61	37.48	-4.26	33.22	46	-12.78	QP
5	749.74	43	-2.28	40.72	46	-5.28	QP
6	960.23	33.05	-0.31	32.74	54	-21.26	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode	Transmit Mode	Transmit Mode
ReMark:	Two AC Power(Delta PSU)		



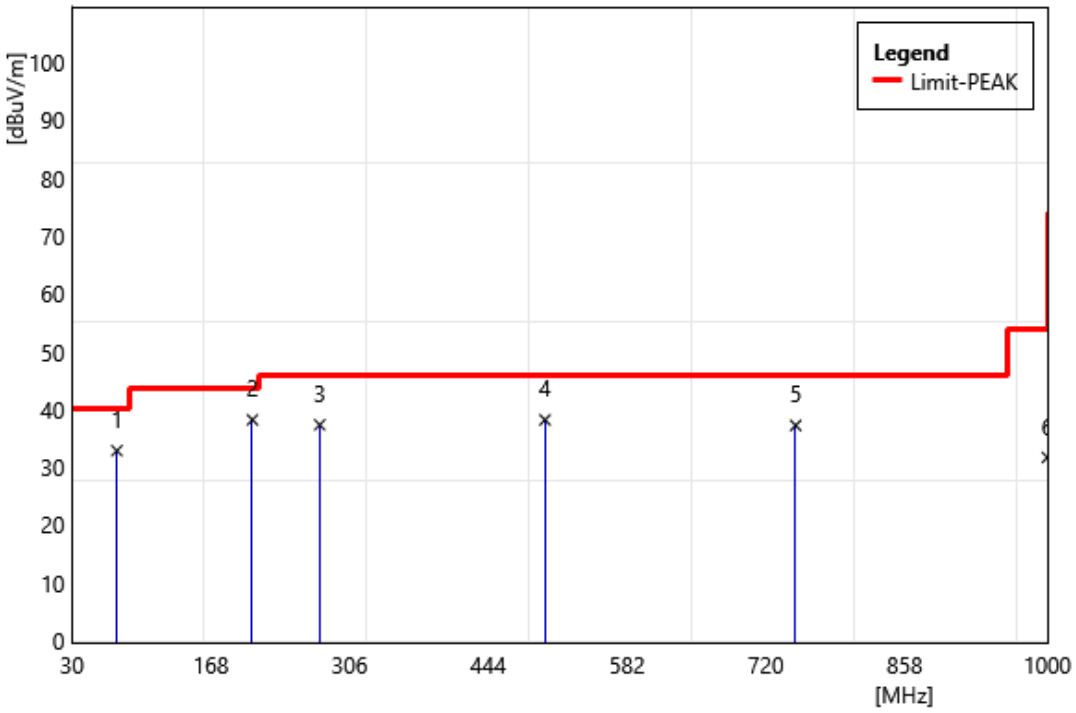
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	42.61	46.7	-12.08	34.62	40	-5.38	QP
2	126.03	47.1	-13.72	33.38	43.5	-10.12	QP
3	302.57	41.27	-11.14	30.13	46	-15.87	QP
4	624.61	36.86	-4.26	32.6	46	-13.4	QP
5	749.74	35.08	-2.28	32.8	46	-13.2	QP
6	998.06	32.06	0.25	32.31	54	-21.69	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-1501G-DC

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

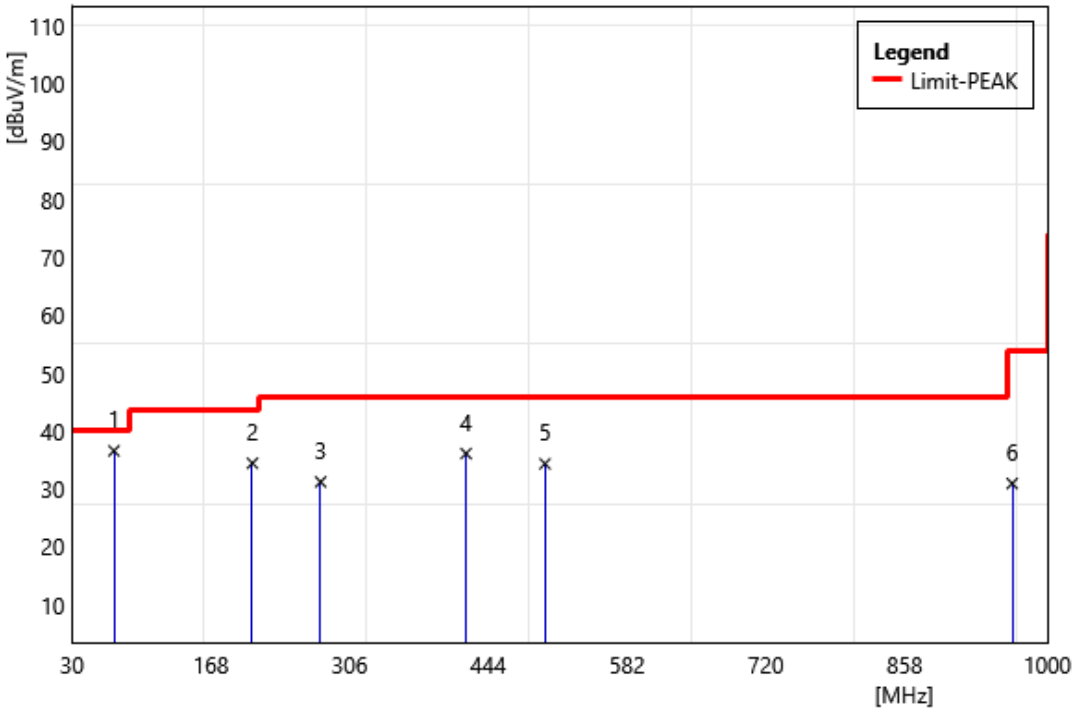


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74.62	48.05	-15.19	32.86	40	-7.14	QP
2	209.45	53.27	-15.07	38.2	43.5	-5.3	QP
3	276.38	49.25	-11.91	37.34	46	-8.66	QP
4	500.45	44.97	-6.78	38.19	46	-7.81	QP
5	749.74	39.51	-2.28	37.23	46	-8.77	QP
6	1000	31.4	0.29	31.69	54	-22.31	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

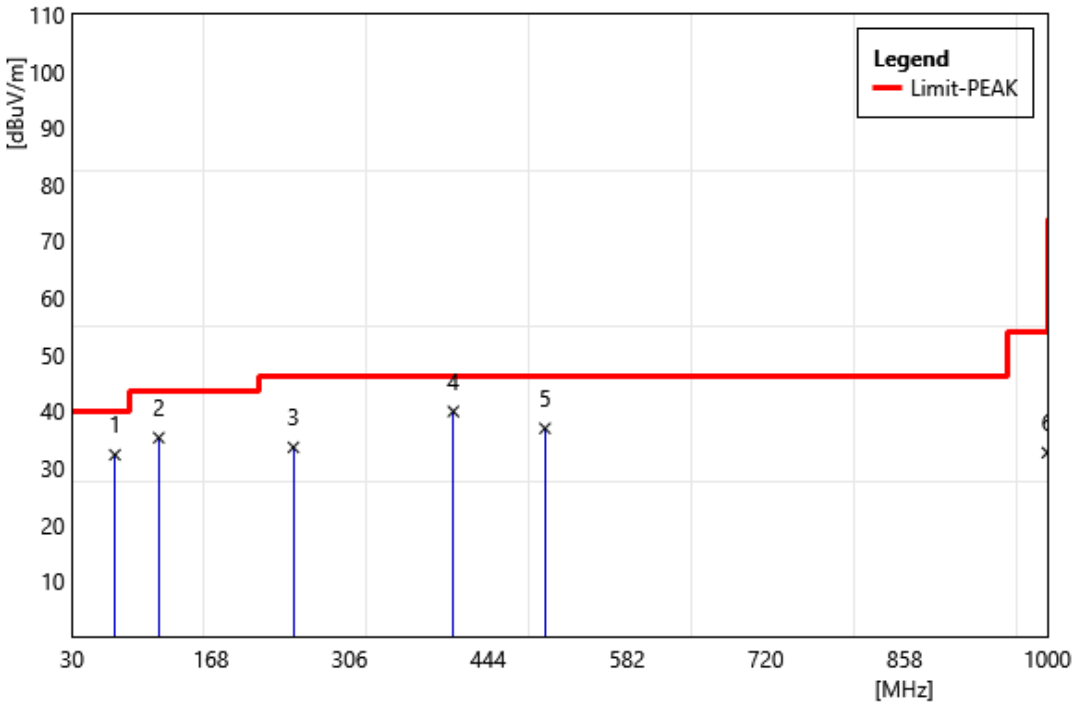


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	71.71	45.75	-14.35	31.4	40	-8.6	QP
2	209.45	49.54	-15.07	34.47	43.5	-9.03	QP
3	277.35	43.11	-11.87	31.24	46	-14.76	QP
4	421.88	44.16	-8.01	36.15	46	-9.85	QP
5	500.45	41.15	-6.78	34.37	46	-11.63	QP
6	965.08	31.23	-0.27	30.96	54	-23.04	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

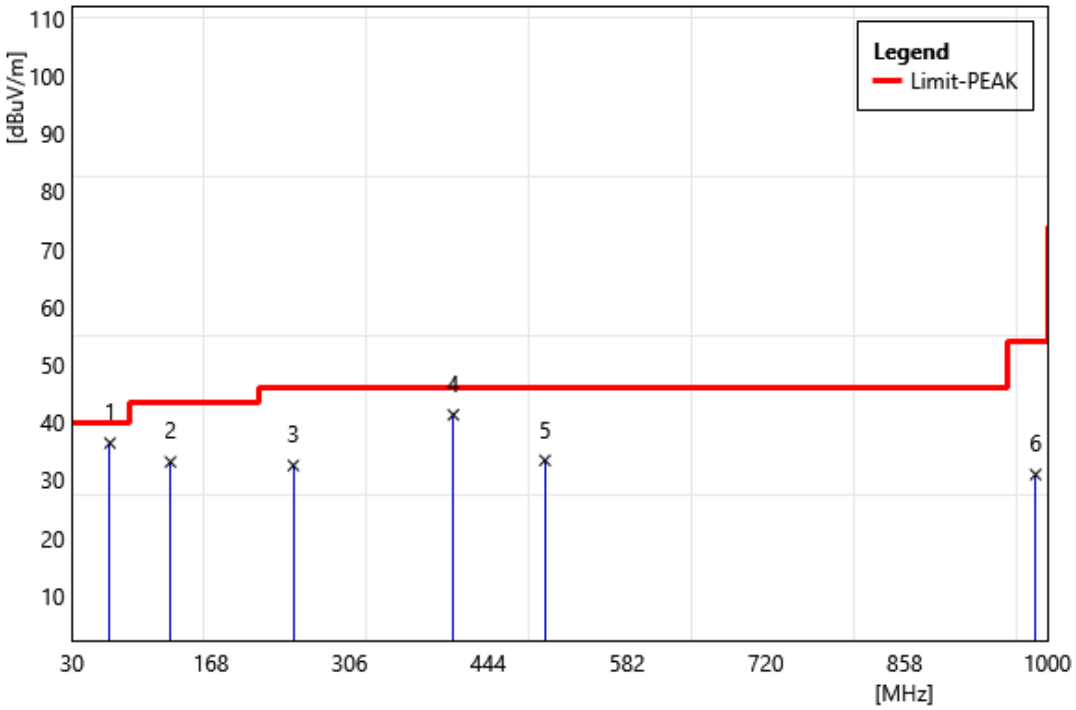


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	72.68	47	-14.71	32.29	40	-7.71	QP
2	116.33	49.96	-14.65	35.31	43.5	-8.19	QP
3	250.19	46.64	-13.03	33.61	46	-12.39	QP
4	409.27	48.51	-8.56	39.95	46	-6.05	QP
5	500.45	43.75	-6.78	36.97	46	-9.03	QP
6	1000	32.38	0.29	32.67	54	-21.33	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

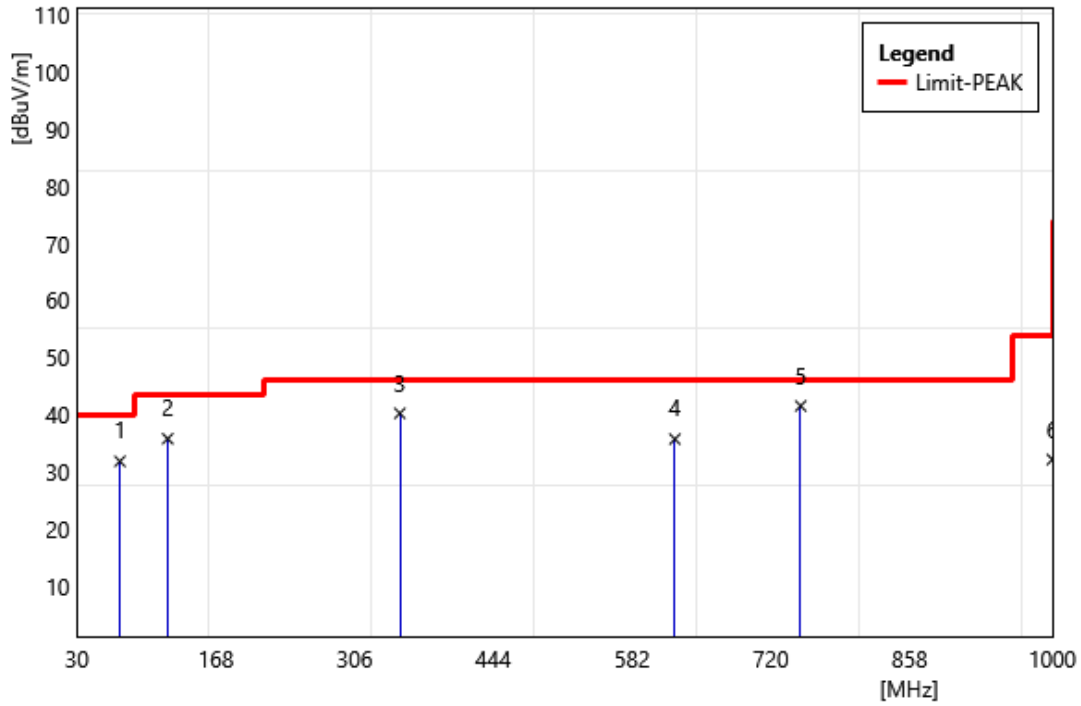


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	67.83	45.49	-13.29	32.2	40	-7.8	QP
2	127.97	46.74	-13.6	33.14	43.5	-10.36	QP
3	250.19	45.56	-13.03	32.53	46	-13.47	QP
4	409.27	42.76	-8.56	34.2	46	-11.8	QP
5	500.45	40.2	-6.78	33.42	46	-12.58	QP
6	988.36	30.85	0.11	30.96	54	-23.04	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

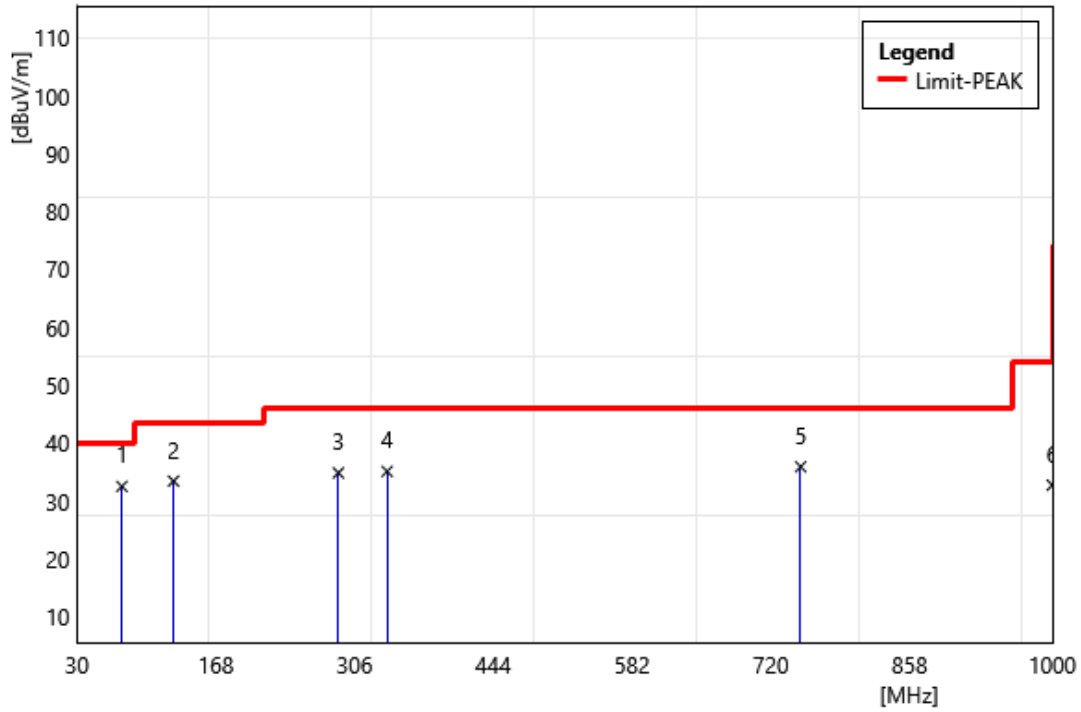


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	72.68	46.56	-14.71	31.85	40	-8.15	QP
2	120.21	50.06	-14.26	35.8	43.5	-7.7	QP
3	351.07	50.43	-10.17	40.26	46	-5.74	QP
4	624.61	40	-4.26	35.74	46	-10.26	QP
5	749.74	20.78	-2.28	18.5	46	-27.5	QP
6	1000	31.87	0.29	32.16	54	-21.84	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

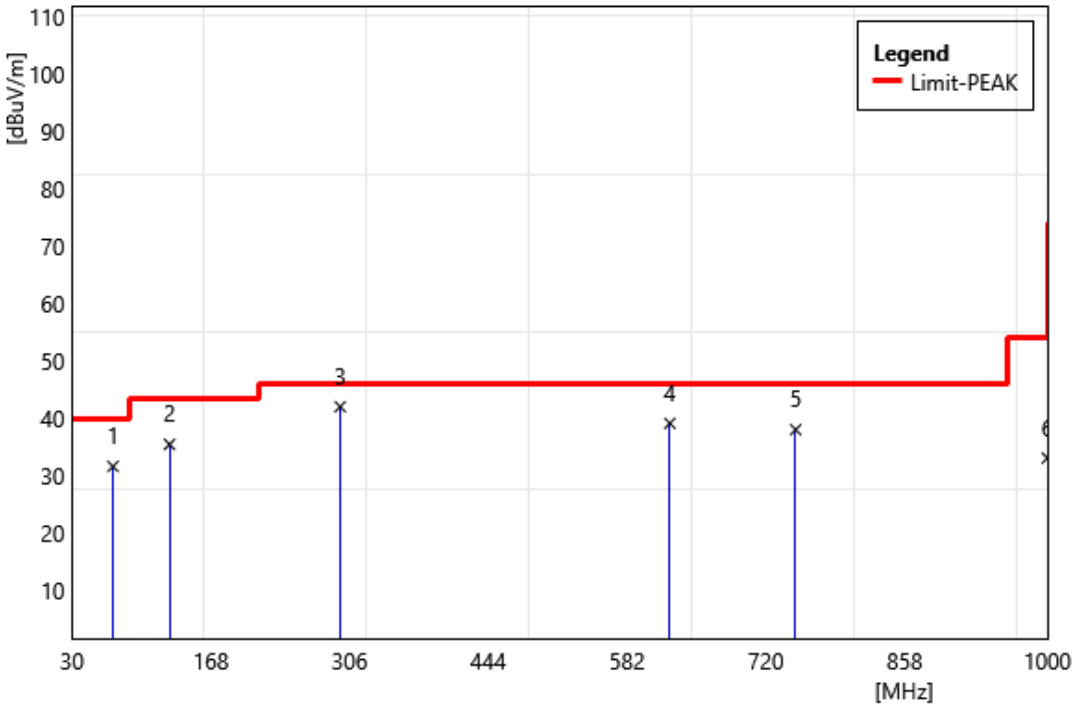


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	74.62	47.69	-15.19	32.5	40	-7.5	QP
2	126.03	47.14	-13.72	33.42	43.5	-10.08	QP
3	289.96	46.27	-11.43	34.84	46	-11.16	QP
4	338.46	45.31	-10.21	35.1	46	-10.9	QP
5	749.74	38.16	-2.28	35.88	46	-10.12	QP
6	1000	32.43	0.29	32.72	54	-21.28	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		

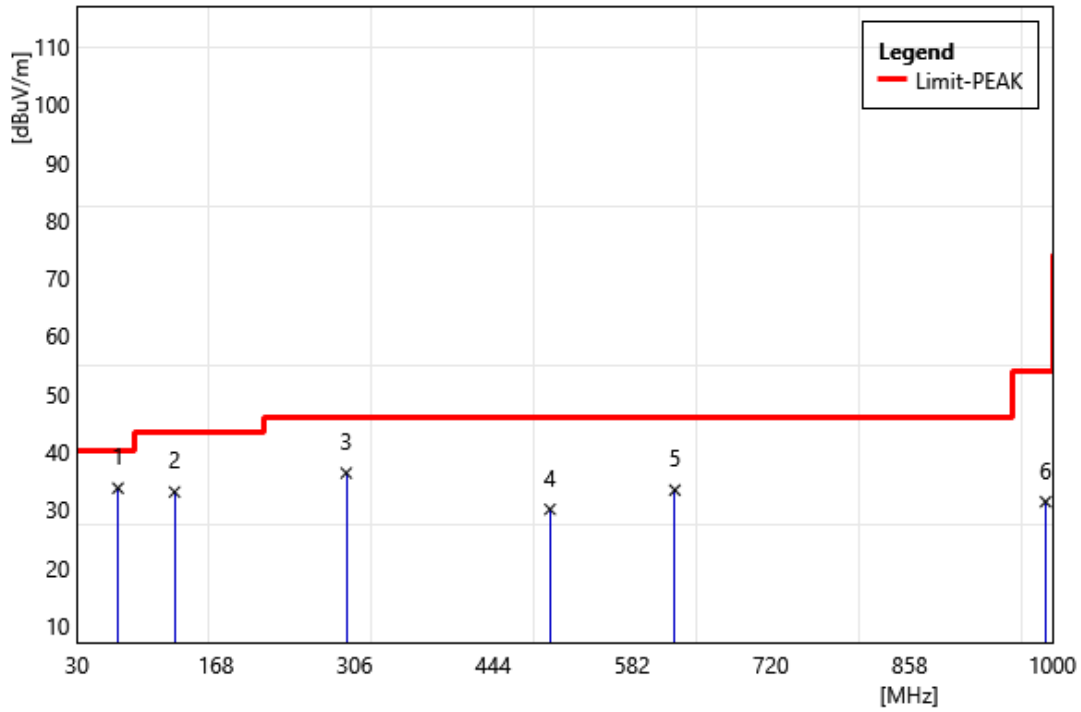


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	70.74	45.77	-14.15	31.62	40	-8.38	QP
2	127	49.27	-13.81	35.46	43.5	-8.04	QP
3	296.75	43.79	-11.29	32.5	46	-13.5	QP
4	624.61	43.38	-4.26	39.12	46	-6.88	QP
5	749.74	40.29	-2.28	38.01	46	-7.99	QP
6	1000	32.78	0.29	33.07	54	-20.93	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		



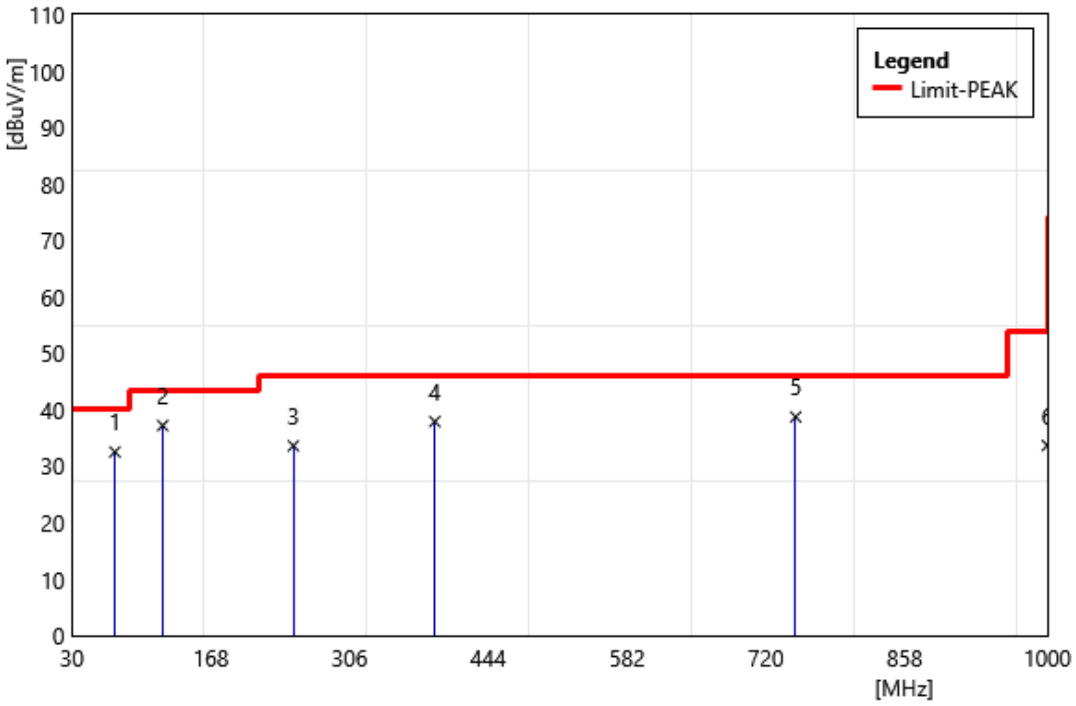
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	70.74	47.85	-14.15	33.7	40	-6.3	QP
2	127	46.85	-13.81	33.04	43.5	-10.46	QP
3	297.72	47.59	-11.27	36.32	46	-9.68	QP
4	500.45	36.81	-6.78	30.03	46	-15.97	QP
5	624.61	37.62	-4.26	33.36	46	-12.64	QP
6	993.21	31.16	0.18	31.34	54	-22.66	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-1500G-DC

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

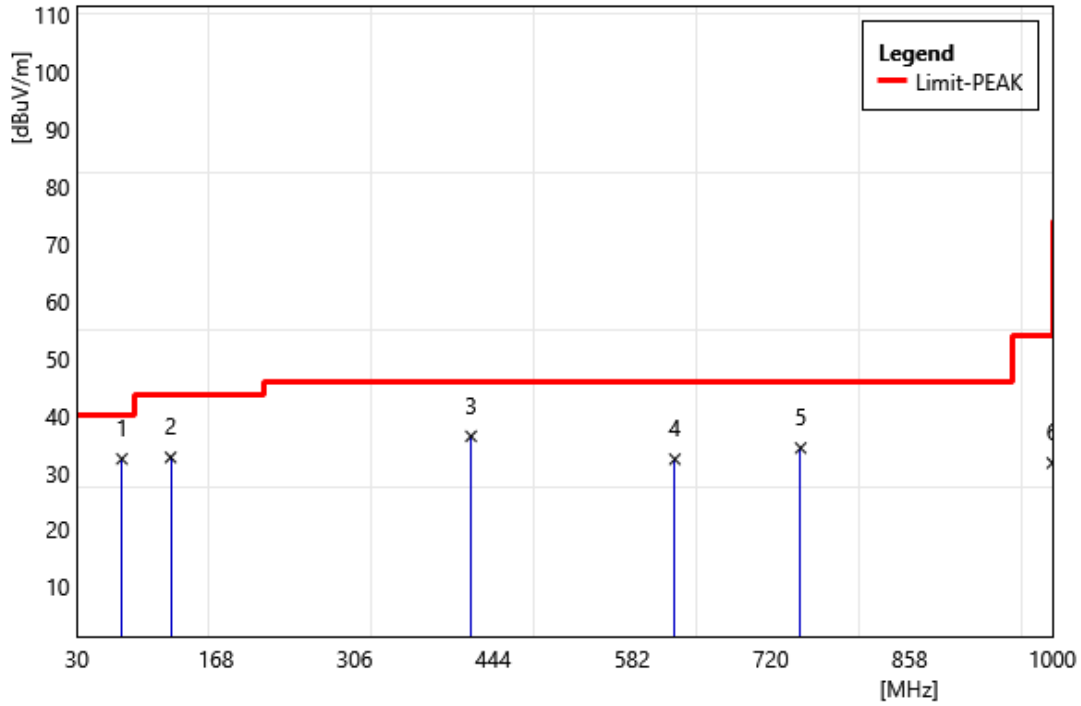


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	72.68	47.24	-14.71	32.53	40	-7.47	QP
2	120.21	51.48	-14.26	37.22	43.5	-6.28	QP
3	250.19	46.65	-13.03	33.62	46	-12.38	QP
4	390.84	46.7	-8.78	37.92	46	-8.08	QP
5	749.74	41.02	-2.28	38.74	46	-7.26	QP
6	1000	33.39	0.29	33.68	54	-20.32	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

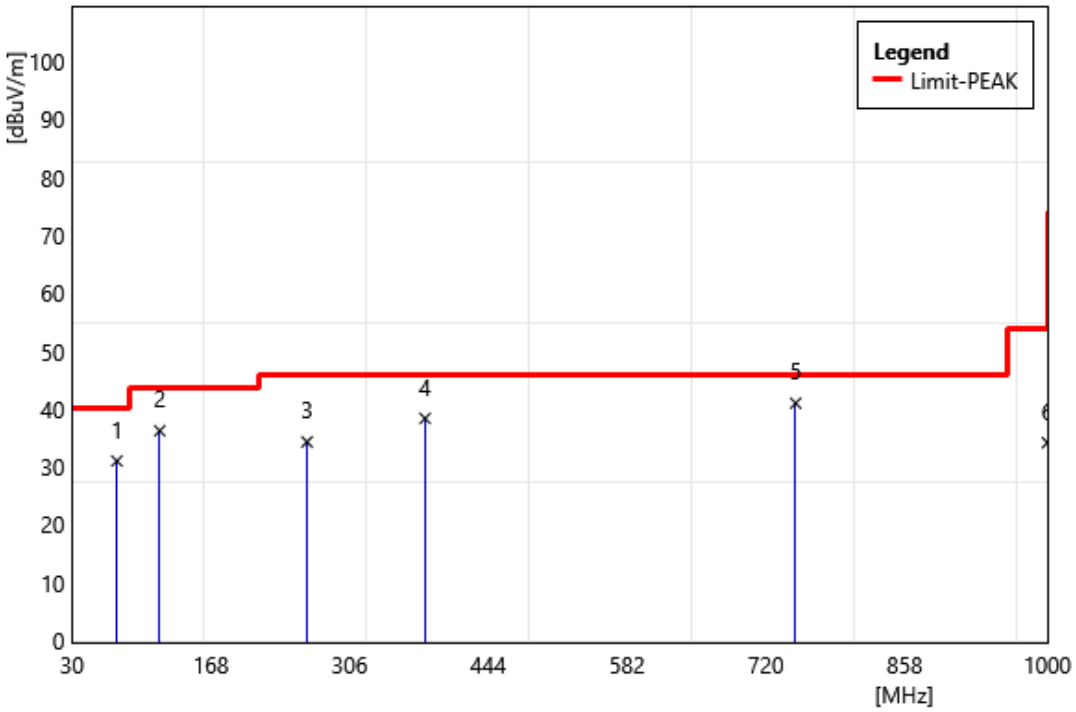


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74.62	47.59	-15.19	32.4	40	-7.6	QP
2	123.12	46.72	-14.06	32.66	43.5	-10.84	QP
3	421.88	44.35	-8.01	36.34	46	-9.66	QP
4	624.61	36.61	-4.26	32.35	46	-13.65	QP
5	749.74	36.58	-2.28	34.3	46	-11.7	QP
6	1000	31.39	0.29	31.68	54	-22.32	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

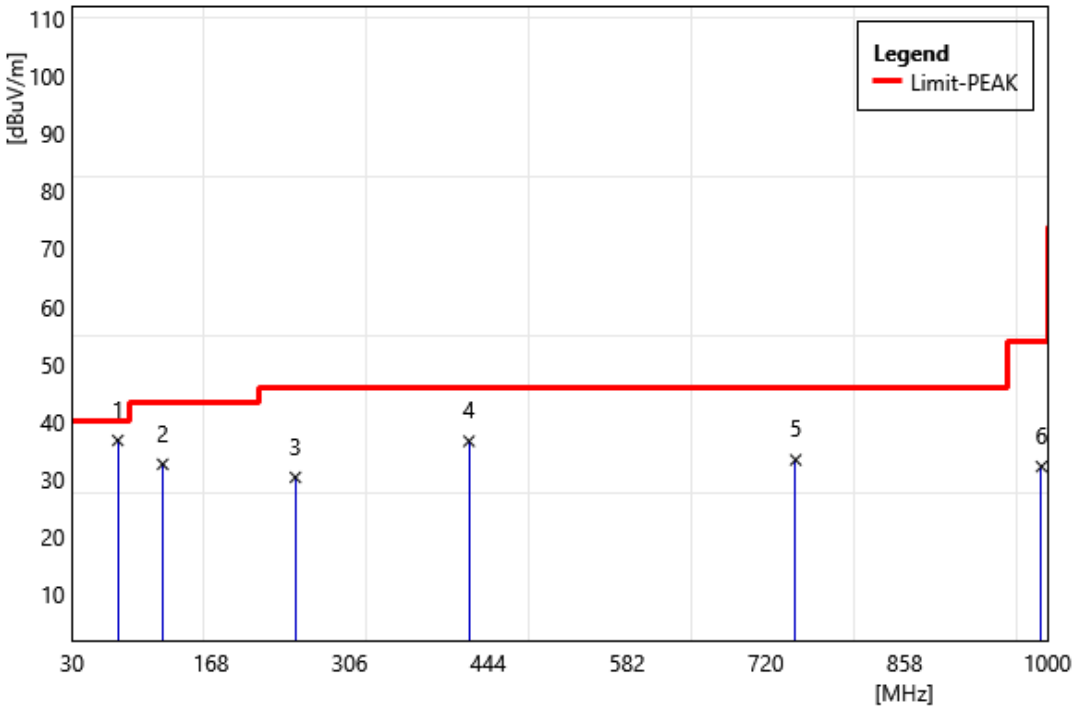


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74.62	46.22	-15.19	31.03	40	-8.97	QP
2	117.3	50.66	-14.41	36.25	43.5	-7.25	QP
3	263.77	46.95	-12.63	34.32	46	-11.68	QP
4	381.14	47.49	-9.1	38.39	46	-7.61	QP
5	749.74	20.88	-2.28	18.6	46	-27.4	QP
6	1000	33.89	0.29	34.18	54	-19.82	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

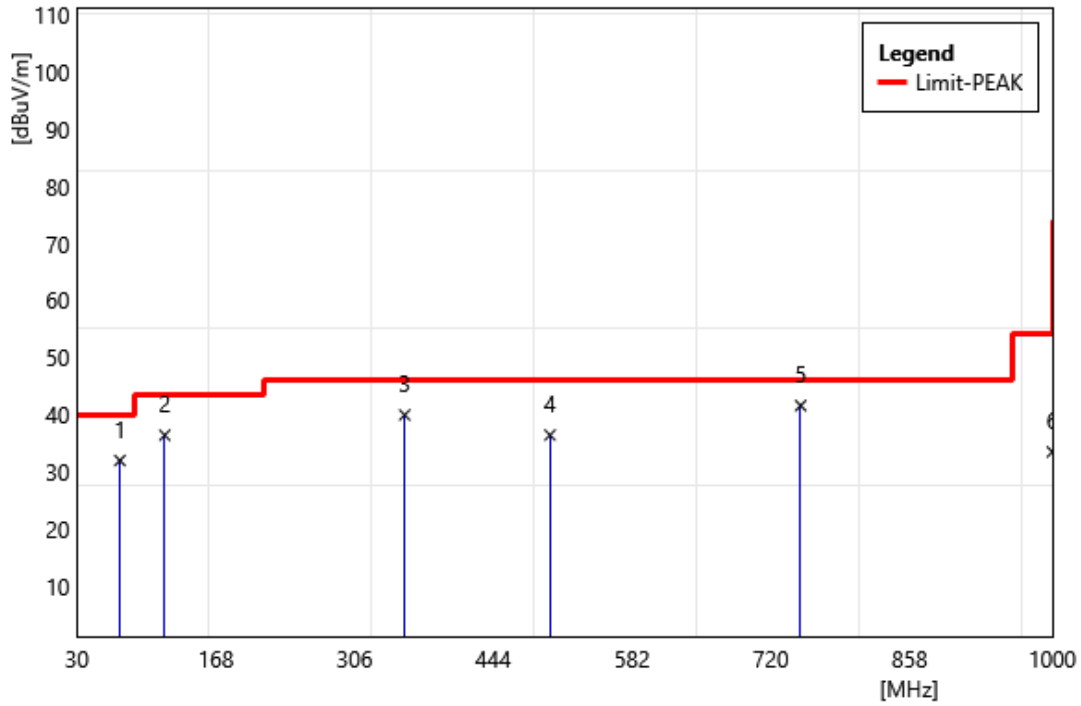


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	75.59	46.8	-15.4	31.4	40	-8.6	QP
2	120.21	46.9	-14.26	32.64	43.5	-10.86	QP
3	252.13	43.35	-12.99	30.36	46	-15.64	QP
4	424.79	44.54	-7.91	36.63	46	-9.37	QP
5	749.74	35.67	-2.28	33.39	46	-12.61	QP
6	994.18	32.06	0.18	32.24	54	-21.76	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

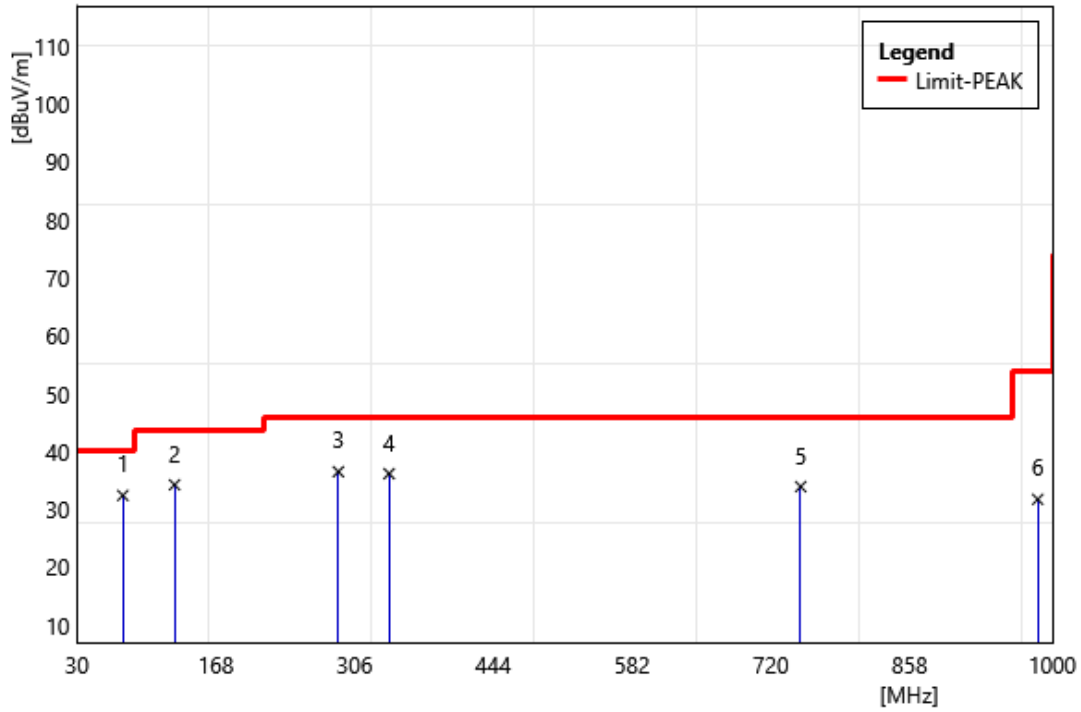


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	72.68	46.69	-14.71	31.98	40	-8.02	QP
2	117.3	50.82	-14.41	36.41	43.5	-7.09	QP
3	355.92	50.1	-10.15	39.95	46	-6.05	QP
4	500.45	43.22	-6.78	36.44	46	-9.56	QP
5	749.74	20.48	-2.28	18.2	46	-27.8	QP
6	1000	33.19	0.29	33.48	54	-20.52	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

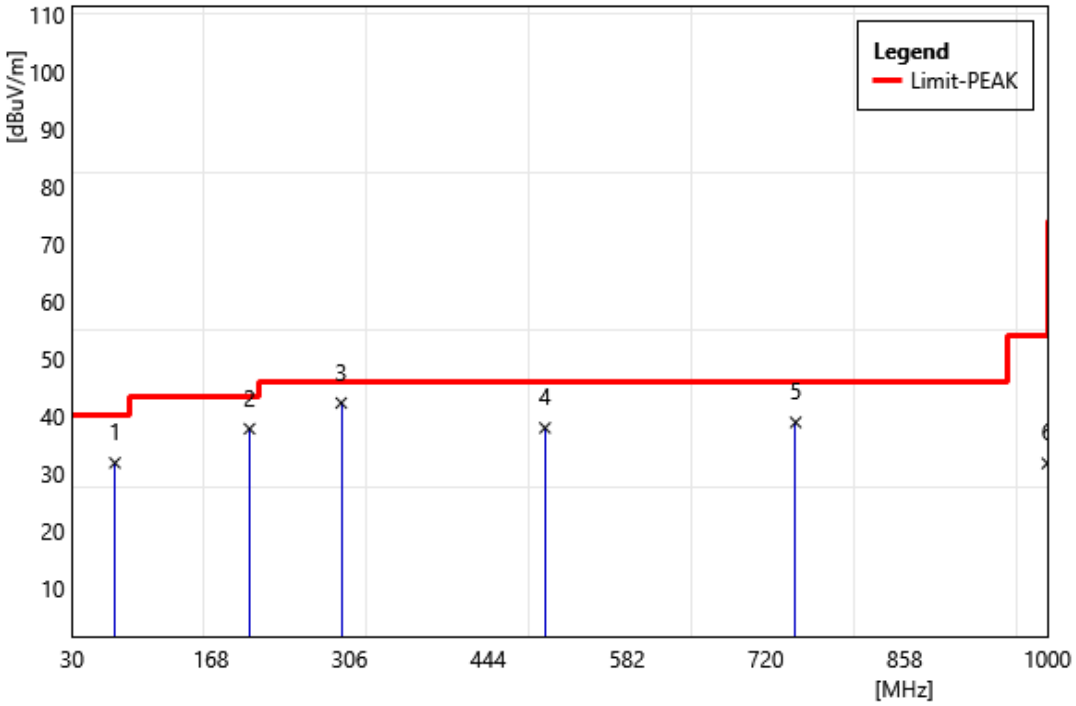


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	75.59	47.8	-15.4	32.4	40	-7.6	QP
2	127	48.05	-13.81	34.24	43.5	-9.26	QP
3	289.96	47.93	-11.43	36.5	46	-9.5	QP
4	340.4	46.36	-10.2	36.16	46	-9.84	QP
5	749.74	36.2	-2.28	33.92	46	-12.08	QP
6	985.45	31.72	0.01	31.73	54	-22.27	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		

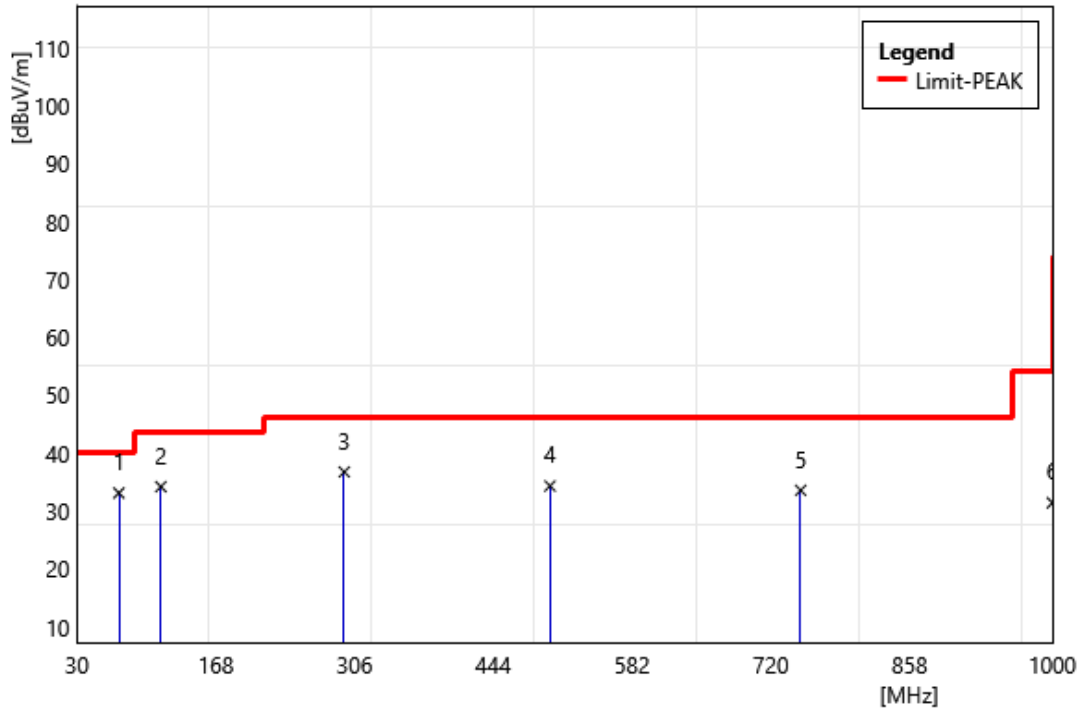


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	72.68	46.55	-14.71	31.84	40	-8.16	QP
2	206.54	52.94	-15.15	37.79	43.5	-5.71	QP
3	297.72	45.17	-11.27	33.9	46	-12.1	QP
4	500.45	44.73	-6.78	37.95	46	-8.05	QP
5	749.74	41.19	-2.28	38.91	46	-7.09	QP
6	1000	31.47	0.29	31.76	54	-22.24	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		



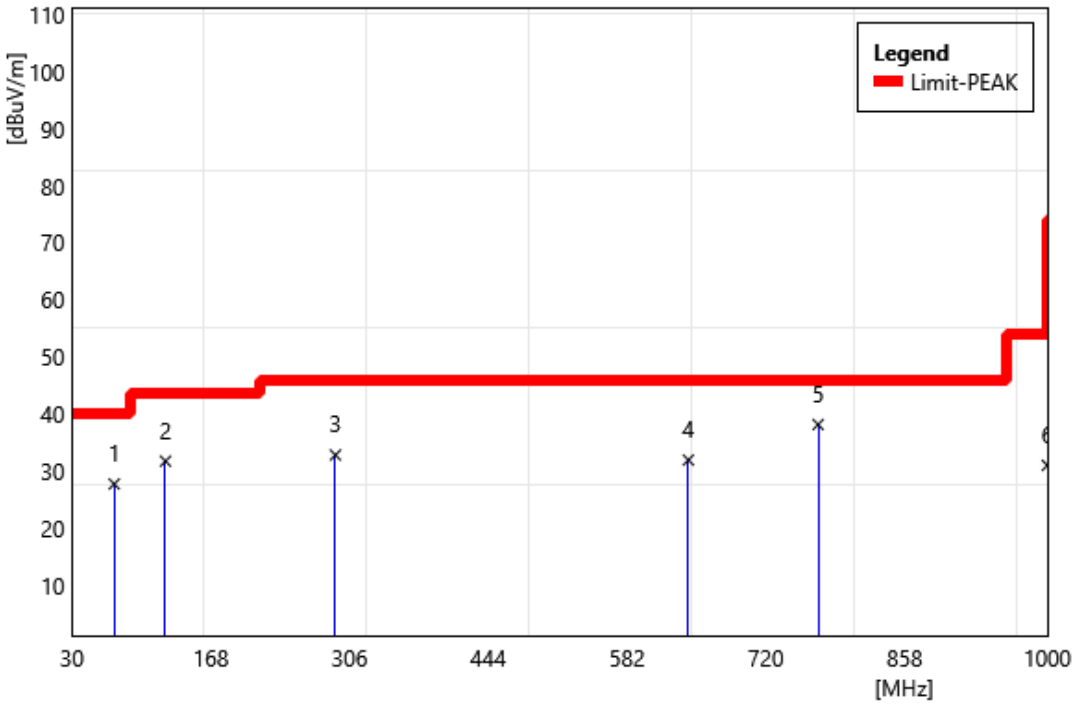
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	71.71	47.45	-14.35	33.1	40	-6.9	QP
2	113.42	48.95	-14.76	34.19	43.5	-9.31	QP
3	295.78	48.07	-11.32	36.75	46	-9.25	QP
4	500.45	41.09	-6.78	34.31	46	-11.69	QP
5	749.74	35.85	-2.28	33.57	46	-12.43	QP
6	1000	31.11	0.29	31.4	54	-22.6	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-801F

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		



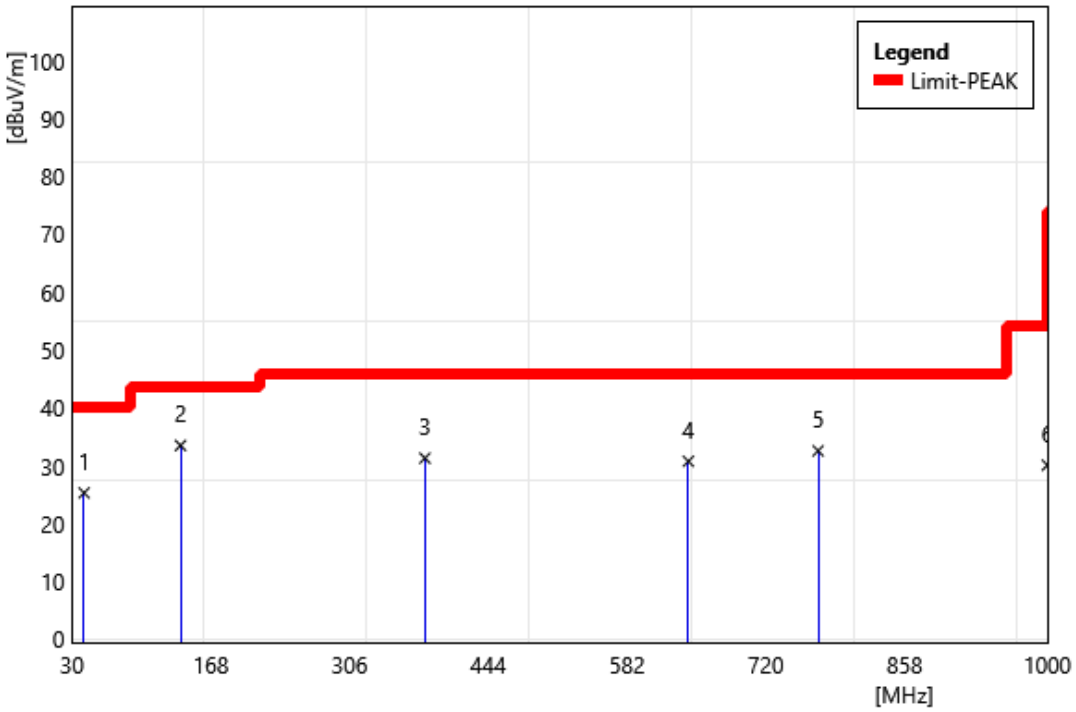
Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	72	43.3	-15.59	27.71	40	-12.29	QP
2	123	47.08	-15.37	31.71	43.5	-11.79	QP
3	292	46.15	-13.36	32.79	46	-13.21	QP
4	643	38.71	-6.81	31.9	46	-14.1	QP
5	772	43.28	-5.15	38.13	46	-7.87	QP
6	1000	34.22	-3.25	30.97	54	-23.03	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

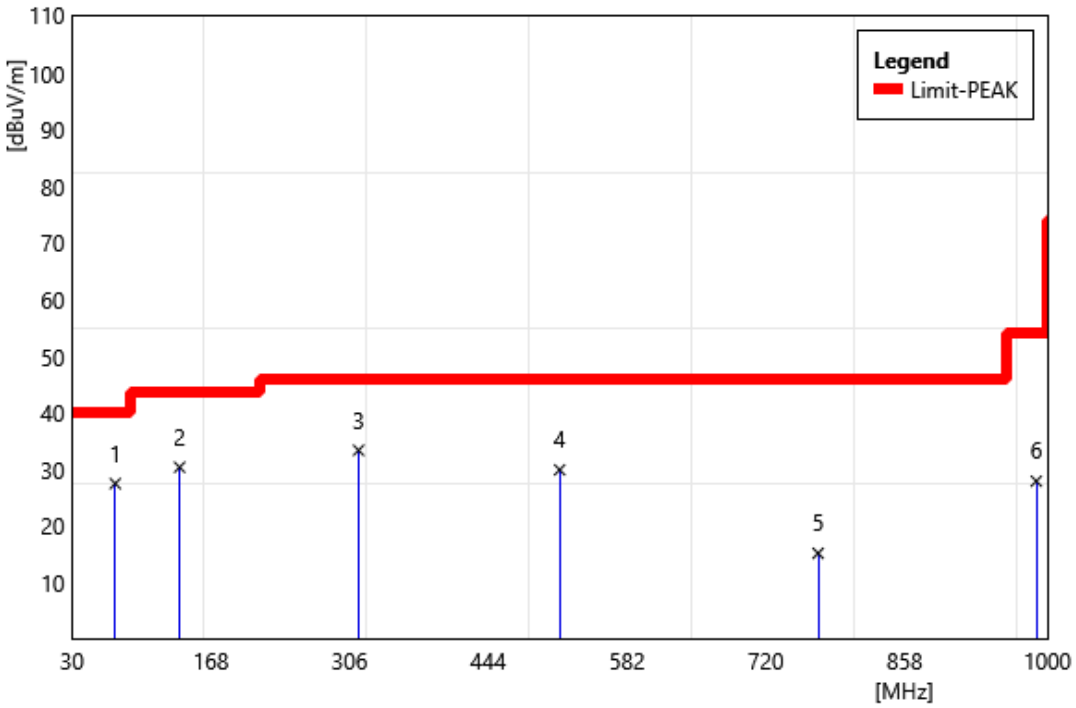


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	42	38.35	-13.05	25.3	40	-14.7	QP
2	138	47.5	-14.01	33.49	43.5	-10.01	QP
3	381	42.63	-11.32	31.31	46	-14.69	QP
4	643	37.58	-6.81	30.77	46	-15.23	QP
5	772	37.71	-5.15	32.56	46	-13.44	QP
6	1000	33.33	-3.25	30.08	54	-23.92	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		

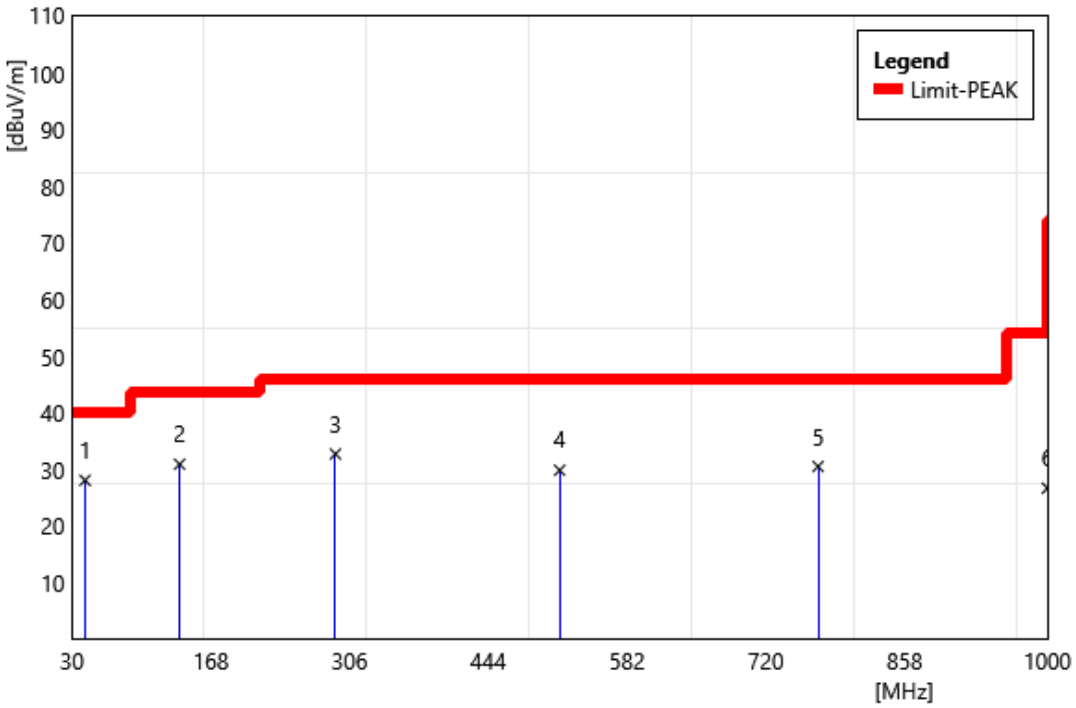


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	73	43.5	-15.99	27.51	40	-12.49	QP
2	137	44.52	-14.11	30.41	43.5	-13.09	QP
3	315	46.12	-12.72	33.4	46	-12.6	QP
4	515	38.96	-9.03	29.93	46	-16.07	QP
5	772	20.35	-5.15	15.2	46	-30.8	QP
6	989	31.31	-3.37	27.94	54	-26.06	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		



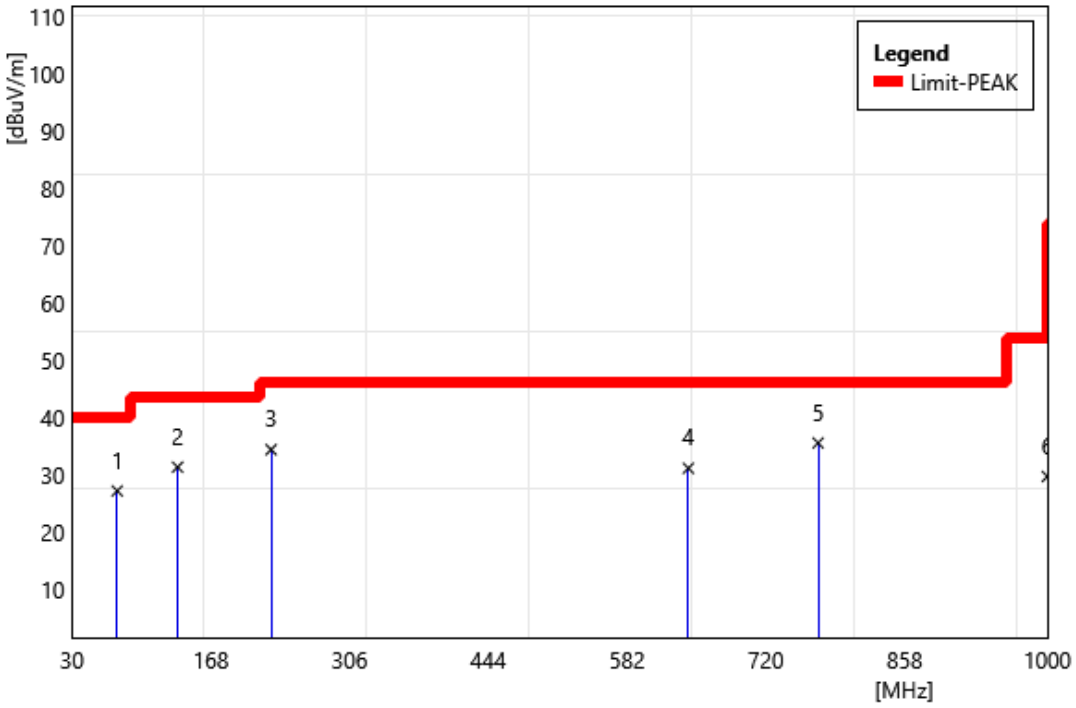
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	43	41.15	-13.05	28.1	40	-11.9	QP
2	137	45.05	-14.11	30.94	43.5	-12.56	QP
3	292	46.09	-13.36	32.73	46	-13.27	QP
4	515	38.91	-9.03	29.88	46	-16.12	QP
5	772	35.68	-5.15	30.53	46	-15.47	QP
6	1000	29.95	-3.25	26.7	54	-27.3	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-800F

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

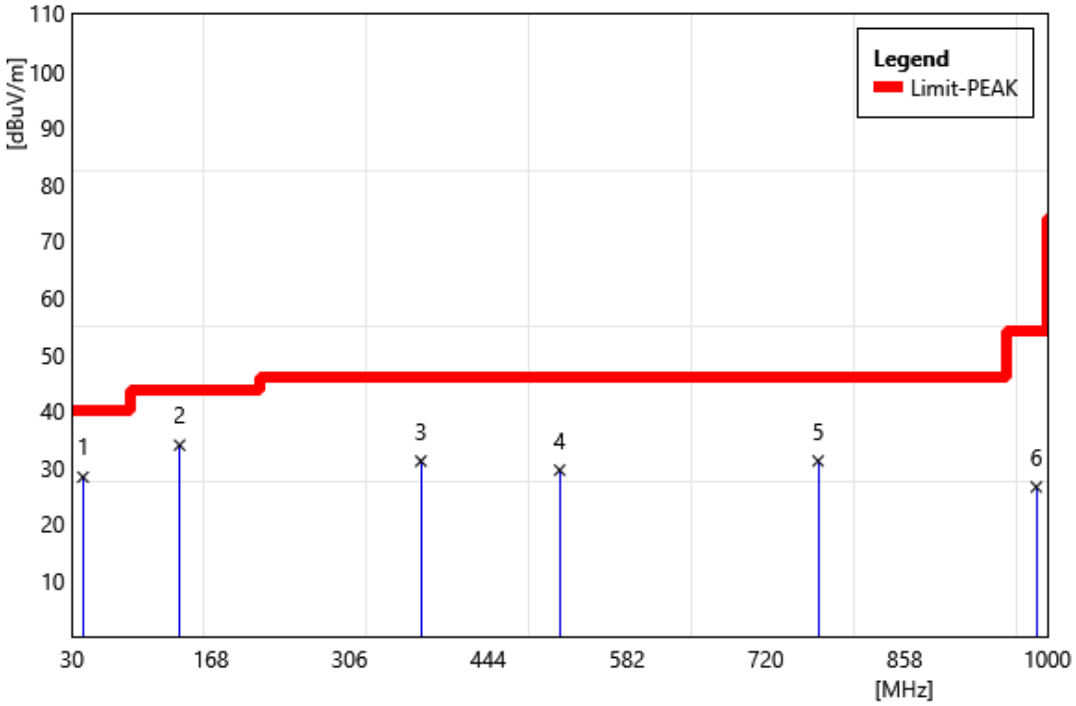


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	75	43.61	-16.39	27.22	40	-12.78	QP
2	135	45.77	-14.4	31.37	43.5	-12.13	QP
3	228	51.1	-16.68	34.42	46	-11.58	QP
4	643	37.98	-6.81	31.17	46	-14.83	QP
5	772	40.75	-5.15	35.6	46	-10.4	QP
6	1000	32.99	-3.25	29.74	54	-24.26	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One AC Power(Delta PSU)		

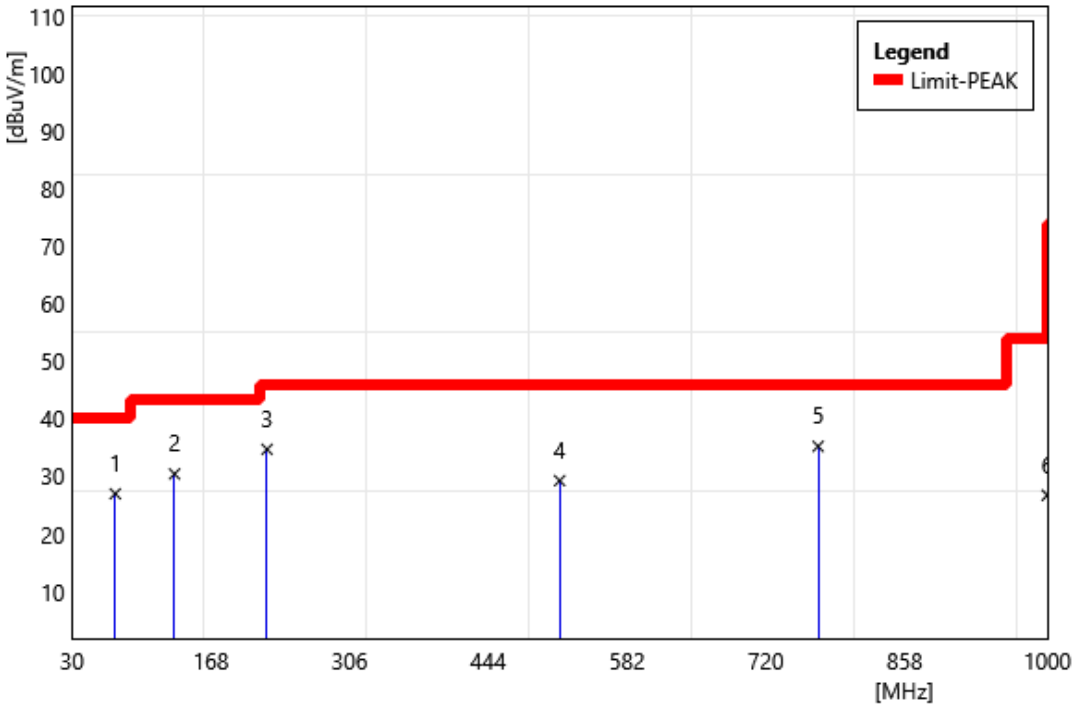


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	41	41.74	-13.44	28.3	40	-11.7	QP
2	137	48.06	-14.11	33.95	43.5	-9.55	QP
3	377	42.56	-11.43	31.13	46	-14.87	QP
4	515	38.57	-9.03	29.54	46	-16.46	QP
5	772	36.31	-5.15	31.16	46	-14.84	QP
6	989	29.94	-3.37	26.57	54	-27.43	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two AC Power(Delta PSU)		

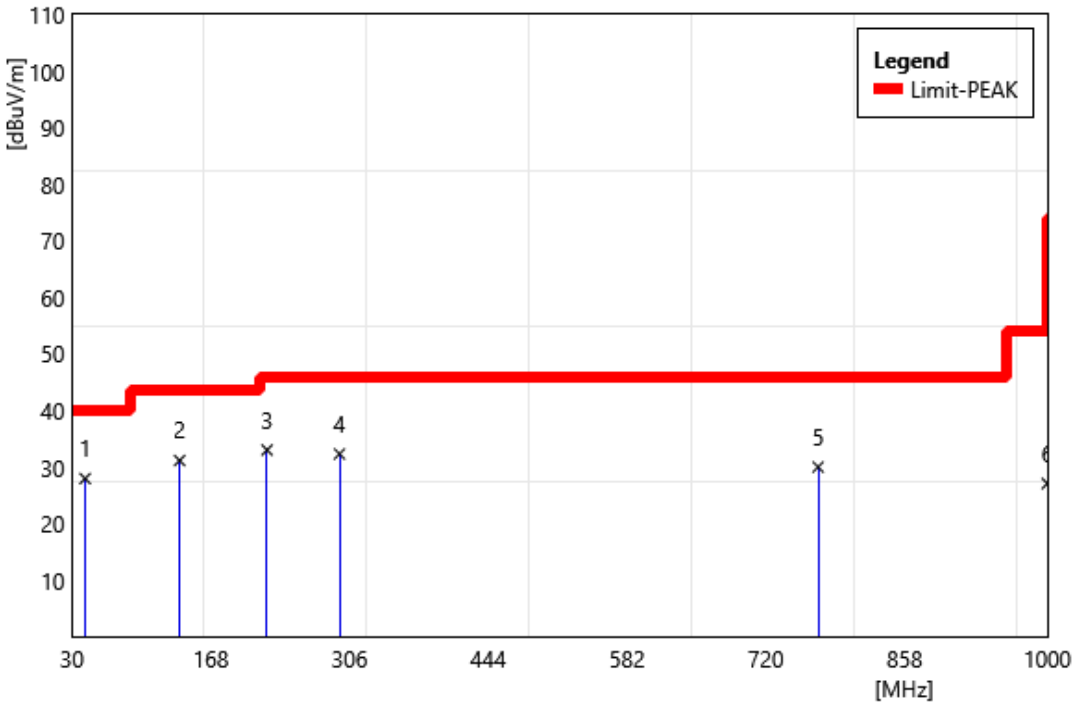


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	73	42.97	-15.99	26.98	40	-13.02	QP
2	132	45.15	-14.71	30.44	43.5	-13.06	QP
3	224	51.66	-16.94	34.72	46	-11.28	QP
4	515	38.3	-9.03	29.27	46	-16.73	QP
5	772	40.39	-5.15	35.24	46	-10.76	QP
6	1000	29.98	-3.25	26.73	54	-27.27	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode	Transmit Mode	Transmit Mode
ReMark:	Two AC Power(Delta PSU)		



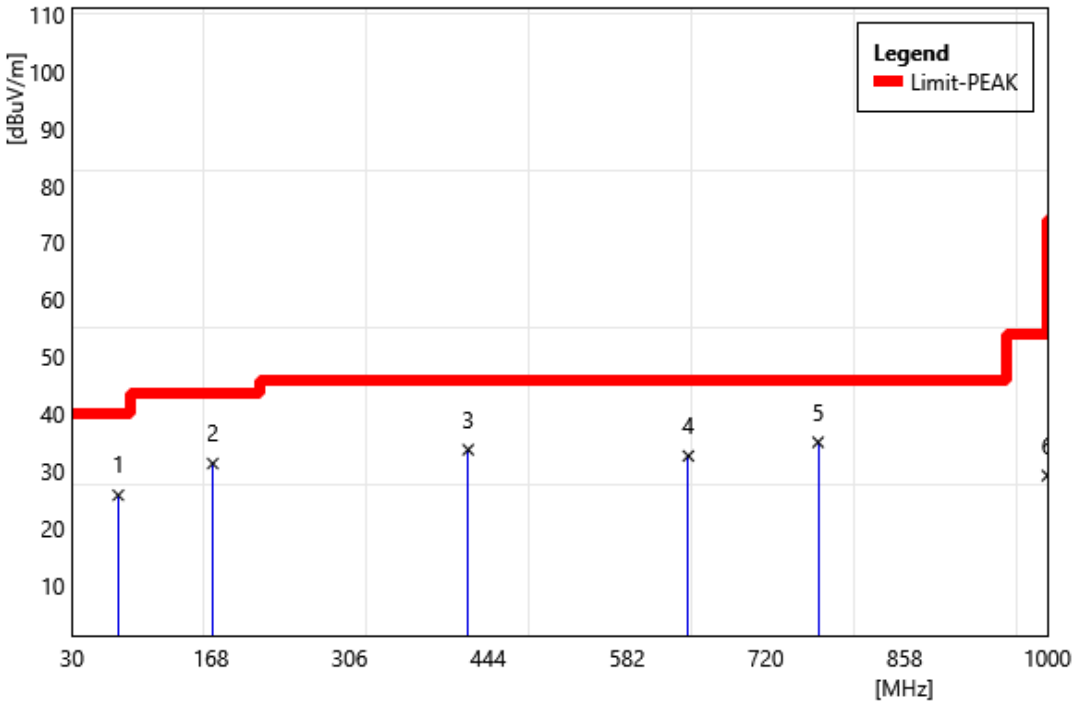
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	43	41.05	-13.05	28	40	-12	QP
2	137	45.3	-14.11	31.19	43.5	-12.31	QP
3	224	49.99	-16.94	33.05	46	-12.95	QP
4	296	45.62	-13.28	32.34	46	-13.66	QP
5	772	35.19	-5.15	30.04	46	-15.96	QP
6	1000	30.37	-3.25	27.12	54	-26.88	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-801F-DC

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

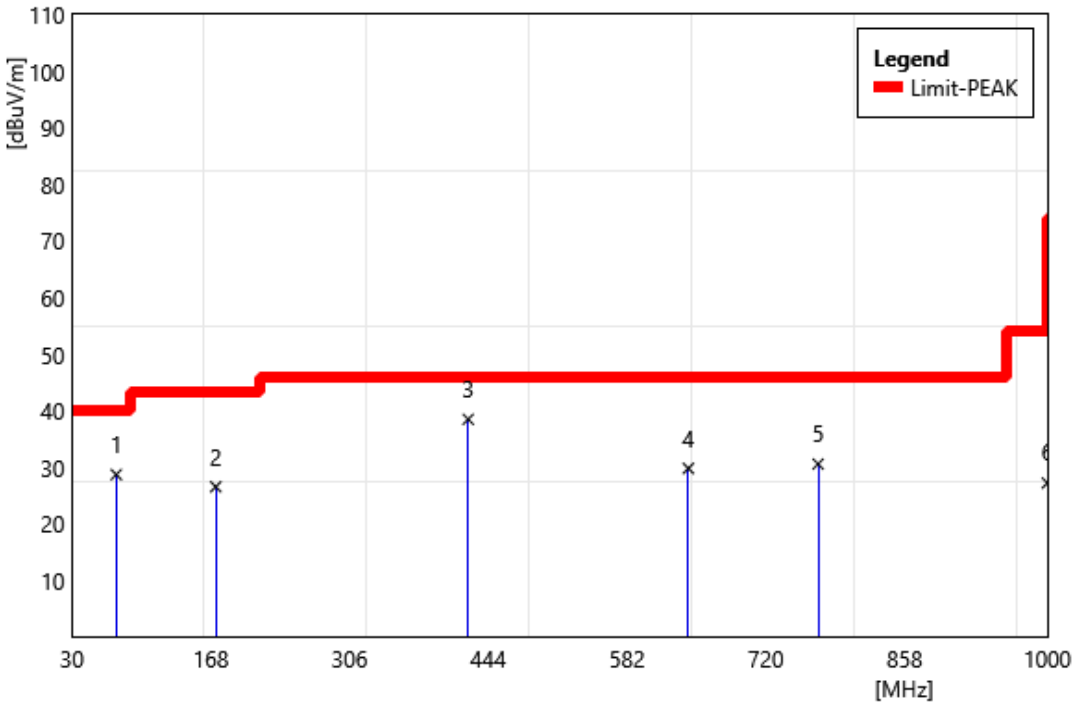


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	76	42.43	-16.69	25.74	40	-14.26	QP
2	170	45.11	-13.83	31.28	43.5	-12.22	QP
3	424	43.97	-10.27	33.7	46	-12.3	QP
4	643	39.42	-6.81	32.61	46	-13.39	QP
5	772	40.17	-5.15	35.02	46	-10.98	QP
6	1000	32.42	-3.25	29.17	54	-24.83	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

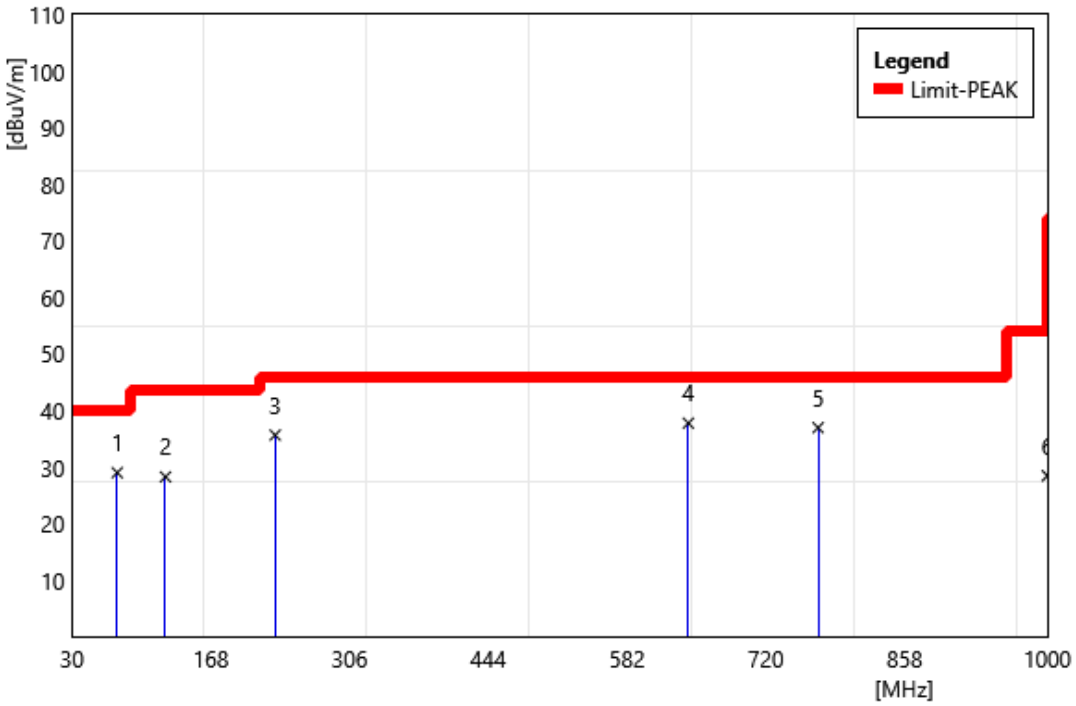


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74	45.09	-16.29	28.8	40	-11.2	QP
2	173	40.68	-14.04	26.64	43.5	-16.86	QP
3	424	48.83	-10.27	38.56	46	-7.44	QP
4	643	36.7	-6.81	29.89	46	-16.11	QP
5	772	35.81	-5.15	30.66	46	-15.34	QP
6	1000	30.56	-3.25	27.31	54	-26.69	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

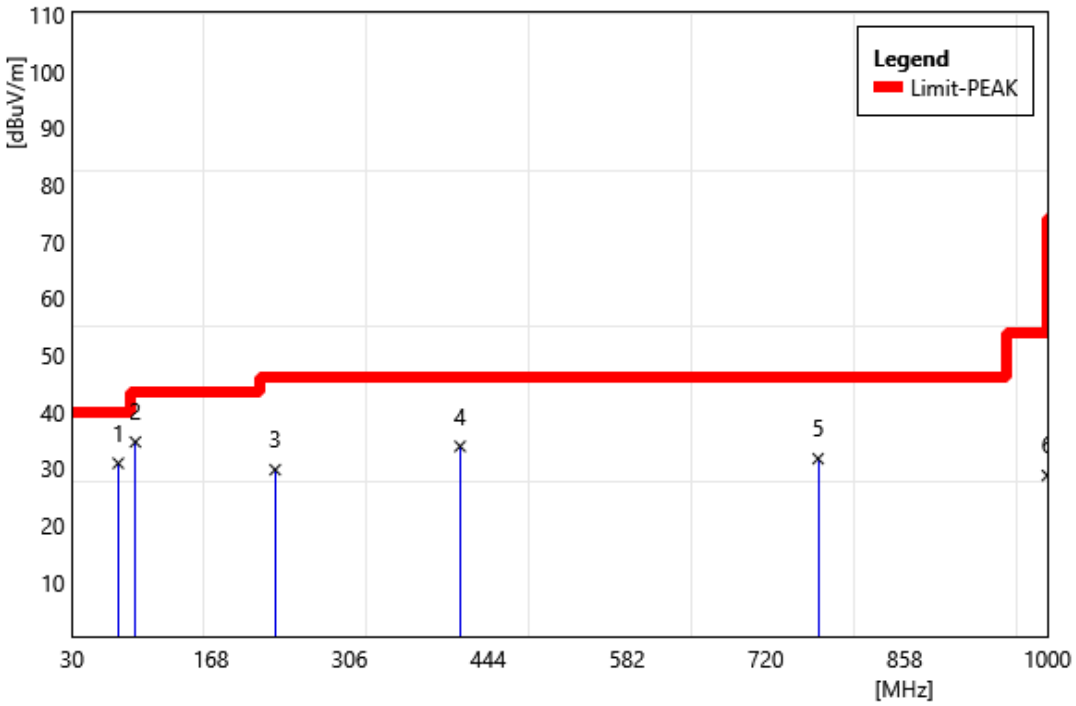


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	75	45.44	-16.39	29.05	40	-10.95	QP
2	123	43.68	-15.37	28.31	43.5	-15.19	QP
3	232	51.79	-16.1	35.69	46	-10.31	QP
4	643	44.62	-6.81	37.81	46	-8.19	QP
5	772	42.16	-5.15	37.01	46	-8.99	QP
6	1000	31.75	-3.25	28.5	54	-25.5	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

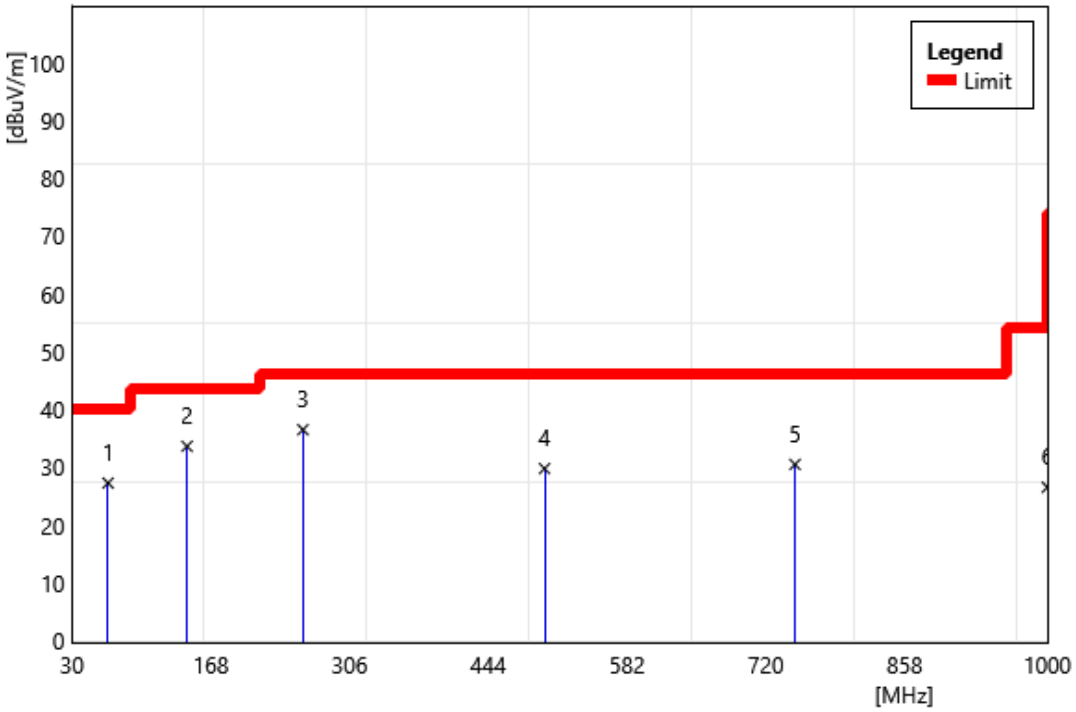


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	76	47.59	-16.69	30.9	40	-9.1	QP
2	93	53.21	-18.56	34.65	43.5	-8.85	QP
3	232	45.86	-16.1	29.76	46	-16.24	QP
4	416	44.46	-10.58	33.88	46	-12.12	QP
5	772	36.85	-5.15	31.7	46	-14.3	QP
6	1000	31.99	-3.25	28.74	54	-25.26	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

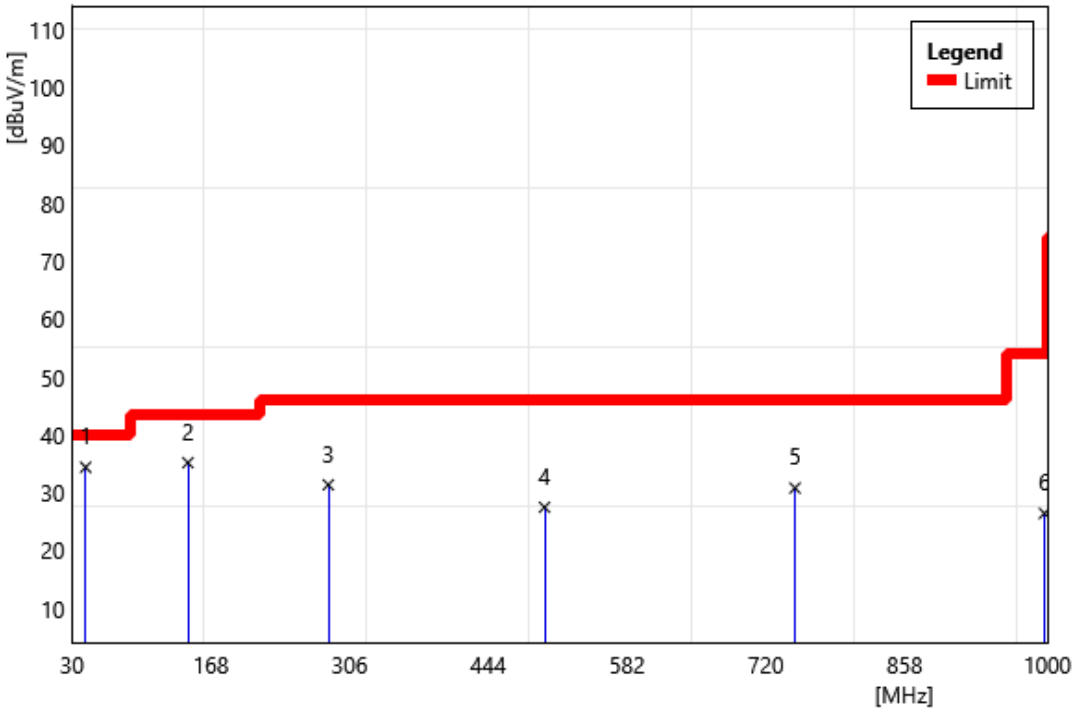


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	65.85	105.5	-78.18	27.32	40	-12.68	QP
2	144.35	110.38	-76.72	33.66	43.5	-9.84	QP
3	259.66	114.36	-77.83	36.53	46	-9.47	QP
4	499.98	102.14	-72.32	29.82	46	-16.18	QP
5	749.02	99.13	-68.59	30.54	46	-15.46	QP
6	1000	29.83	-3.25	26.58	54	-27.42	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

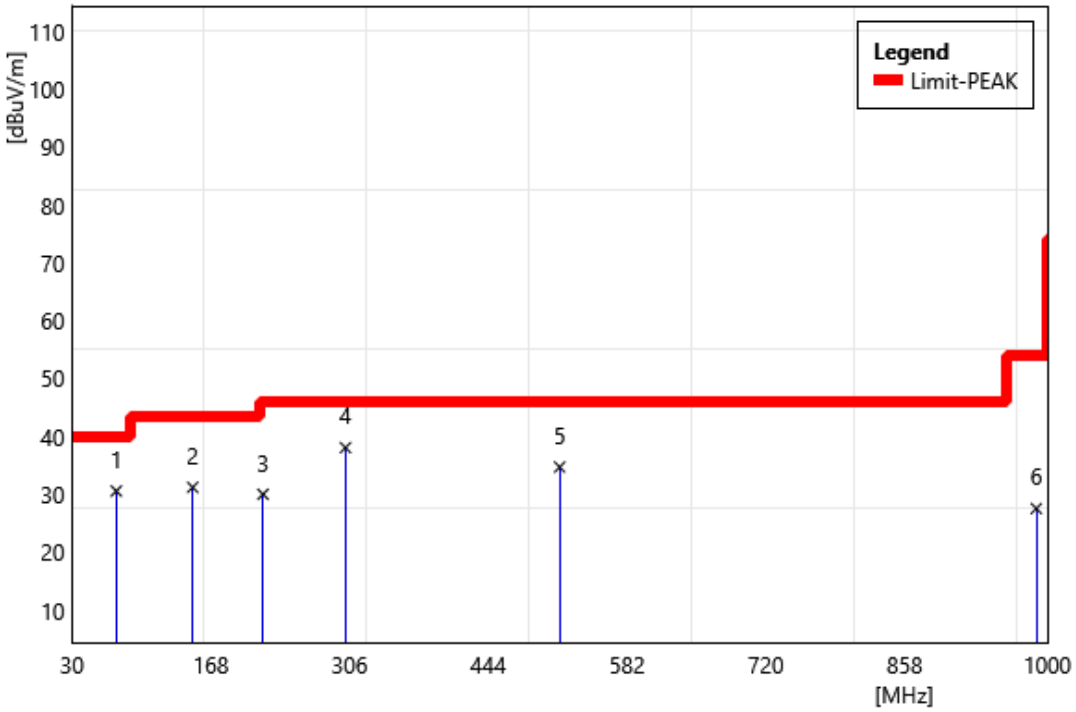


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	43.57	111.28	-76.91	34.37	40	-5.63	QP
2	145.31	111.97	-76.79	35.18	43.5	-8.32	QP
3	284.86	107.95	-76.6	31.35	46	-14.65	QP
4	499.98	99.78	-72.32	27.46	46	-18.54	QP
5	749.02	99.39	-68.59	30.8	46	-15.2	QP
6	997.09	92.86	-66.46	26.4	54	-27.6	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		

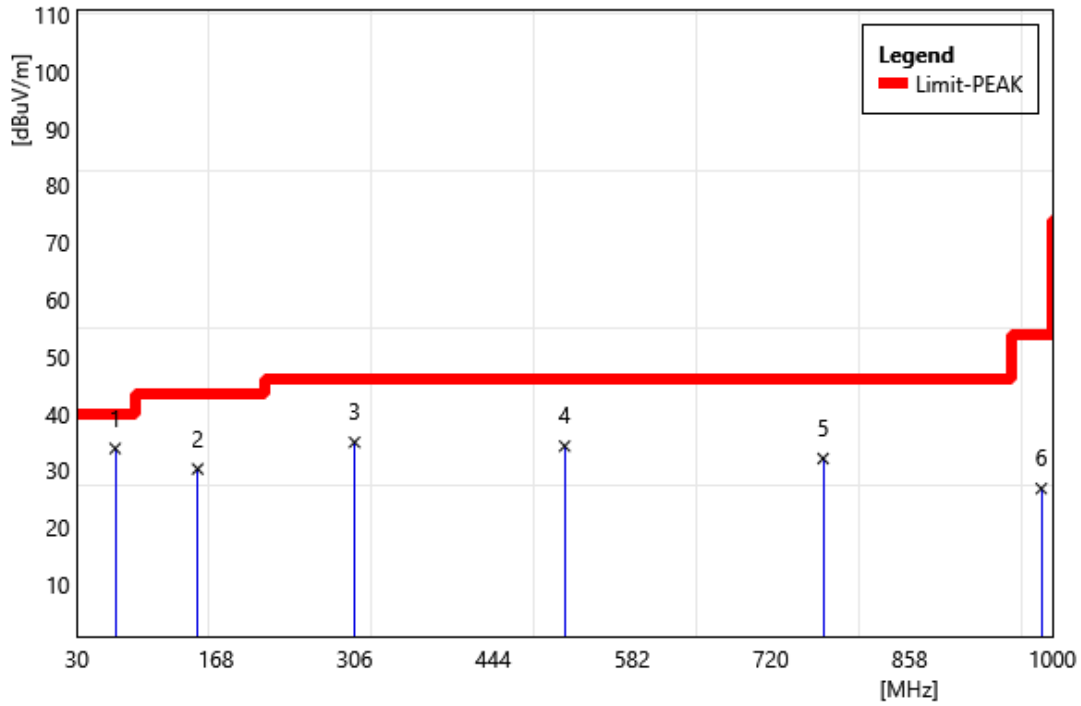


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74	46.85	-16.29	30.56	40	-9.44	QP
2	150	44.33	-13.13	31.2	43.5	-12.3	QP
3	220	46.7	-16.7	30	46	-16	QP
4	302	51.25	-13.18	38.07	46	-7.93	QP
5	515	43.74	-9.03	34.71	46	-11.29	QP
6	989	30.91	-3.37	27.54	54	-26.46	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		



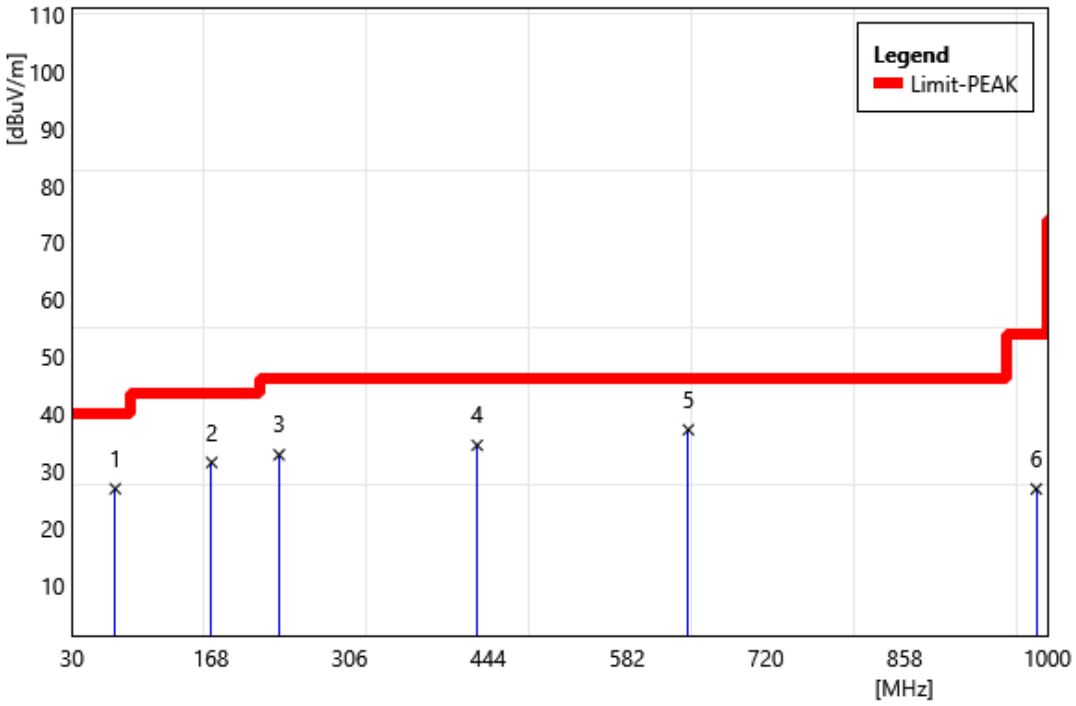
No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	68	48.3	-14.4	33.9	40	-6.1	QP
2	150	43.43	-13.13	30.3	43.5	-13.2	QP
3	306	48.07	-13.1	34.97	46	-11.03	QP
4	515	43.33	-9.03	34.3	46	-11.7	QP
5	772	37.27	-5.15	32.12	46	-13.88	QP
6	989	30.23	-3.37	26.86	54	-27.14	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

FG-800F-DC

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

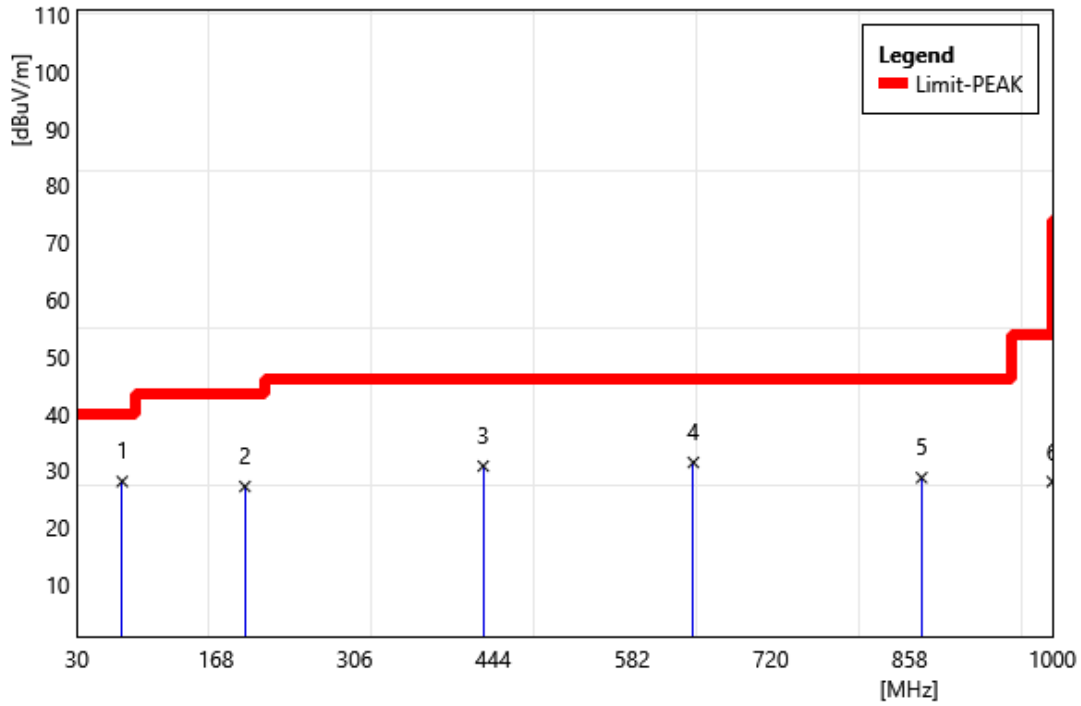


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	73	42.81	-15.99	26.82	40	-13.18	QP
2	169	45.06	-13.63	31.43	43.5	-12.07	QP
3	236	48.23	-15.46	32.77	46	-13.23	QP
4	433	44.57	-10.12	34.45	46	-11.55	QP
5	643	43.98	-6.81	37.17	46	-8.83	QP
6	989	30.16	-3.37	26.79	54	-27.21	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Delta PSU)		

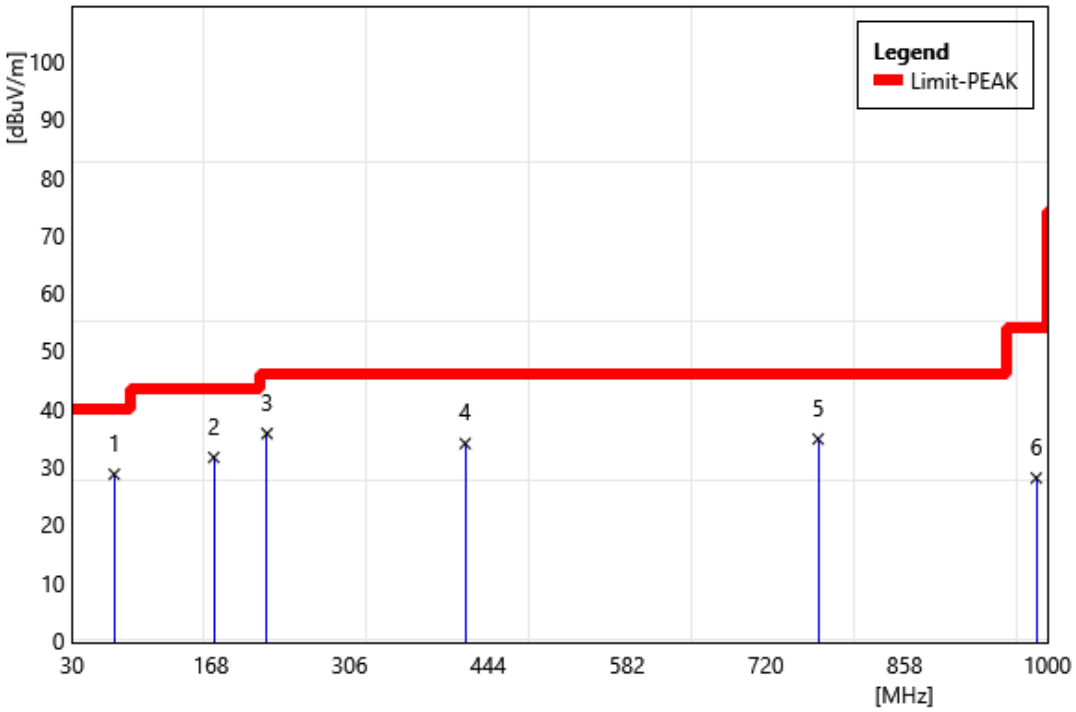


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	75	44.49	-16.39	28.1	40	-11.9	QP
2	197	43.99	-16.76	27.23	43.5	-16.27	QP
3	434	40.89	-10.09	30.8	46	-15.2	QP
4	643	38.26	-6.81	31.45	46	-14.55	QP
5	870	33.38	-4.6	28.78	46	-17.22	QP
6	1000	31.34	-3.25	28.09	54	-25.91	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

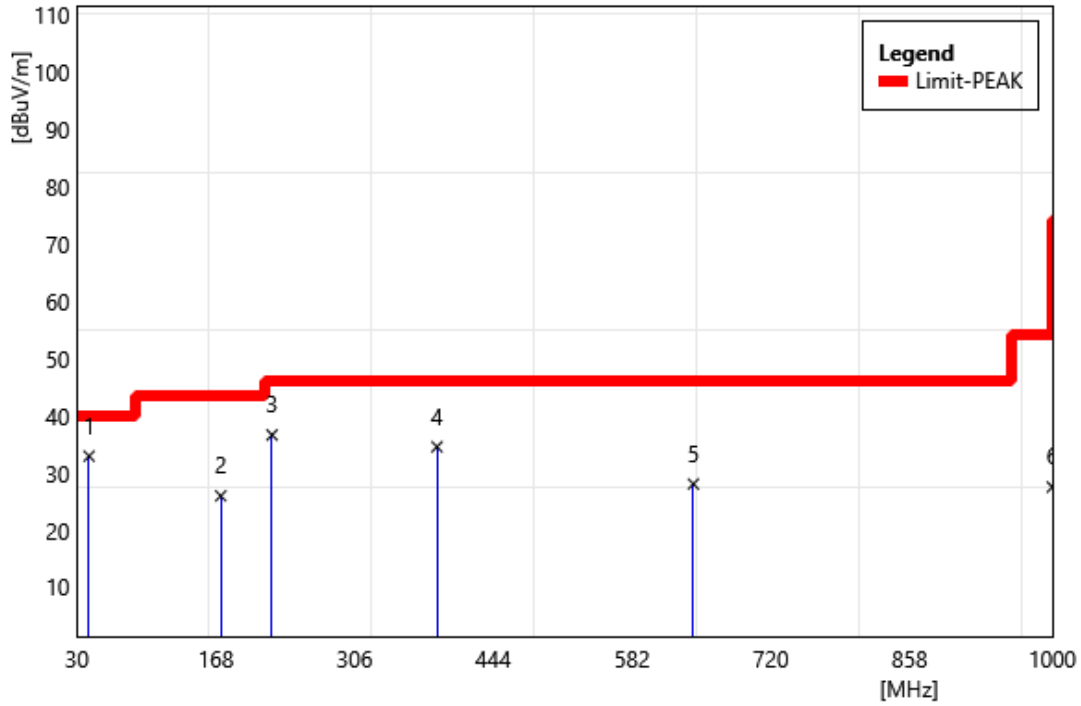


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	72	44.27	-15.59	28.68	40	-11.32	QP
2	171	45.31	-13.73	31.58	43.5	-11.92	QP
3	224	52.64	-16.94	35.7	46	-10.3	QP
4	421	44.37	-10.39	33.98	46	-12.02	QP
5	772	39.91	-5.15	34.76	46	-11.24	QP
6	989	31.39	-3.37	28.02	54	-25.98	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Delta PSU)		

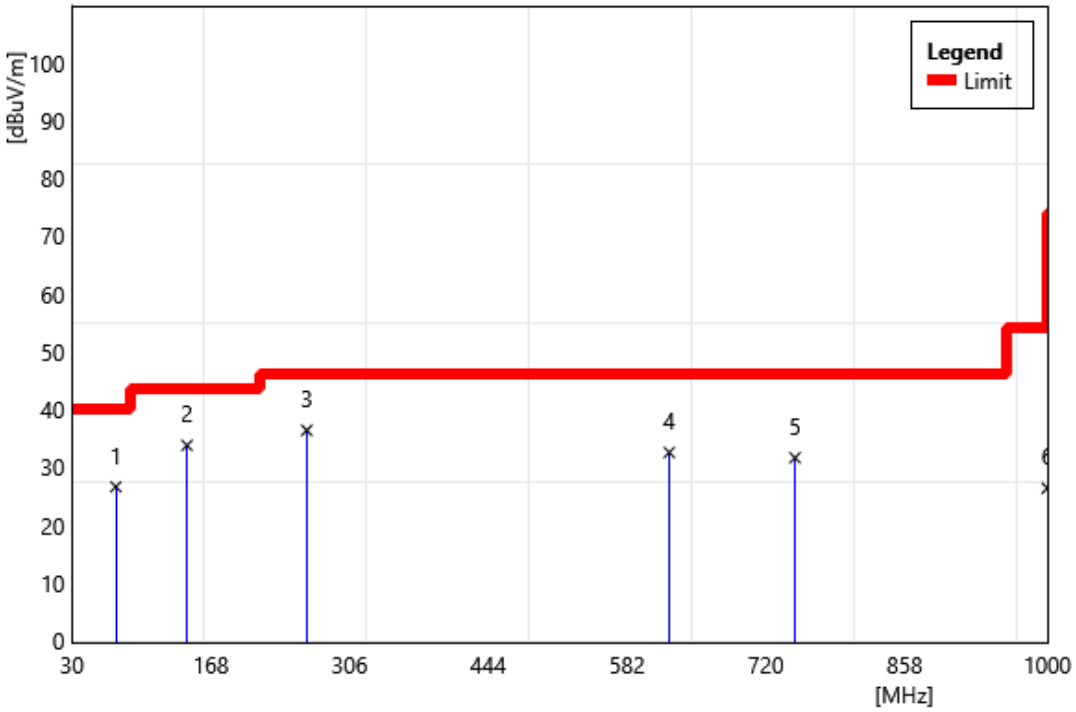


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	42	45.96	-13.05	32.91	40	-7.09	QP
2	173	40.01	-14.04	25.97	43.5	-17.53	QP
3	224	53.54	-16.94	36.6	46	-9.4	QP
4	388	45.65	-11.12	34.53	46	-11.47	QP
5	643	34.85	-6.81	28.04	46	-17.96	QP
6	1000	30.75	-3.25	27.5	54	-26.5	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

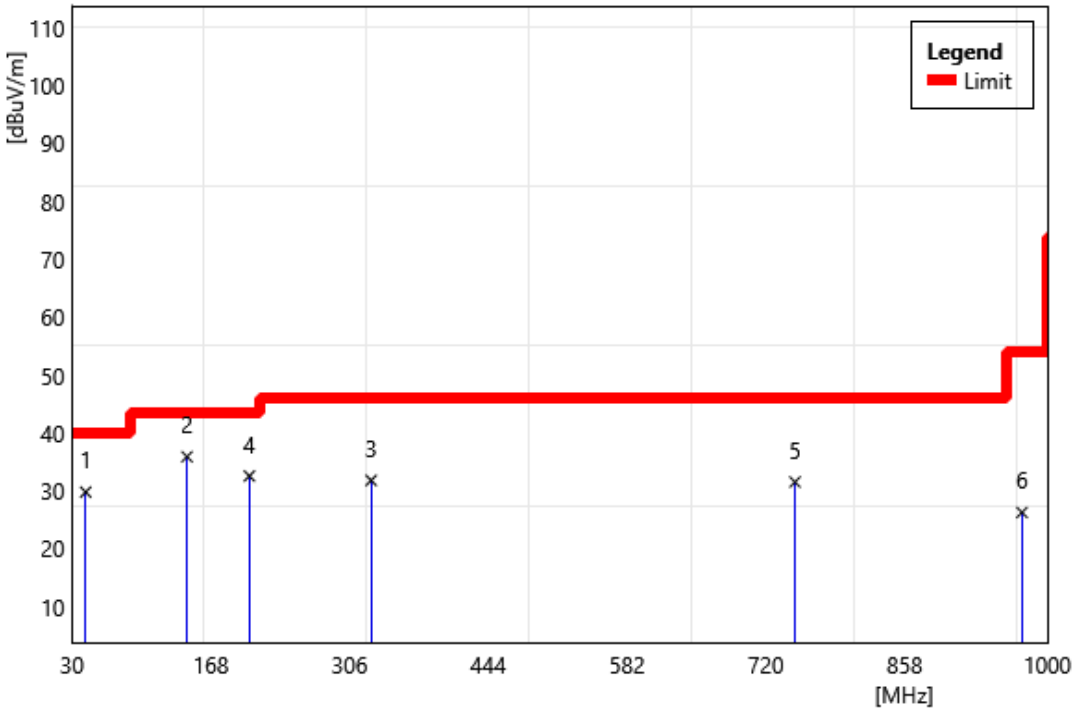


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	73.61	106.45	-79.79	26.66	40	-13.34	QP
2	144.35	110.55	-76.72	33.83	43.5	-9.67	QP
3	263.54	114.09	-77.67	36.42	46	-9.58	QP
4	624.02	102.78	-70.18	32.6	46	-13.4	QP
5	749.02	100.27	-68.59	31.68	46	-14.32	QP
6	1000	29.68	-3.25	26.43	54	-27.57	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	One DC Power(Murata PSU)		

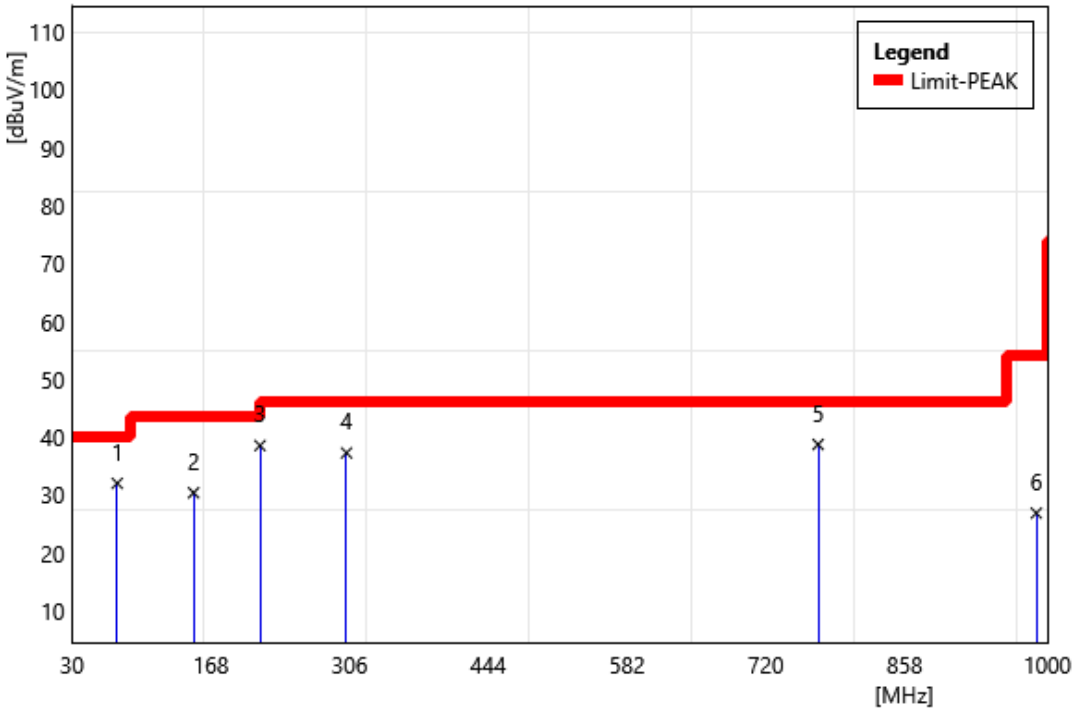


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
1	43.57	106.71	-76.91	29.8	40	-10.2	QP
2	144.35	112.62	-76.72	35.9	43.5	-7.6	QP
3	327.49	107.22	-75.4	31.82	46	-14.18	QP
4	206.36	112.57	-79.99	32.58	43.5	-10.92	QP
5	749.02	100.14	-68.59	31.55	46	-14.45	QP
6	974.81	93.07	-66.79	26.28	54	-27.72	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Horizontal		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		

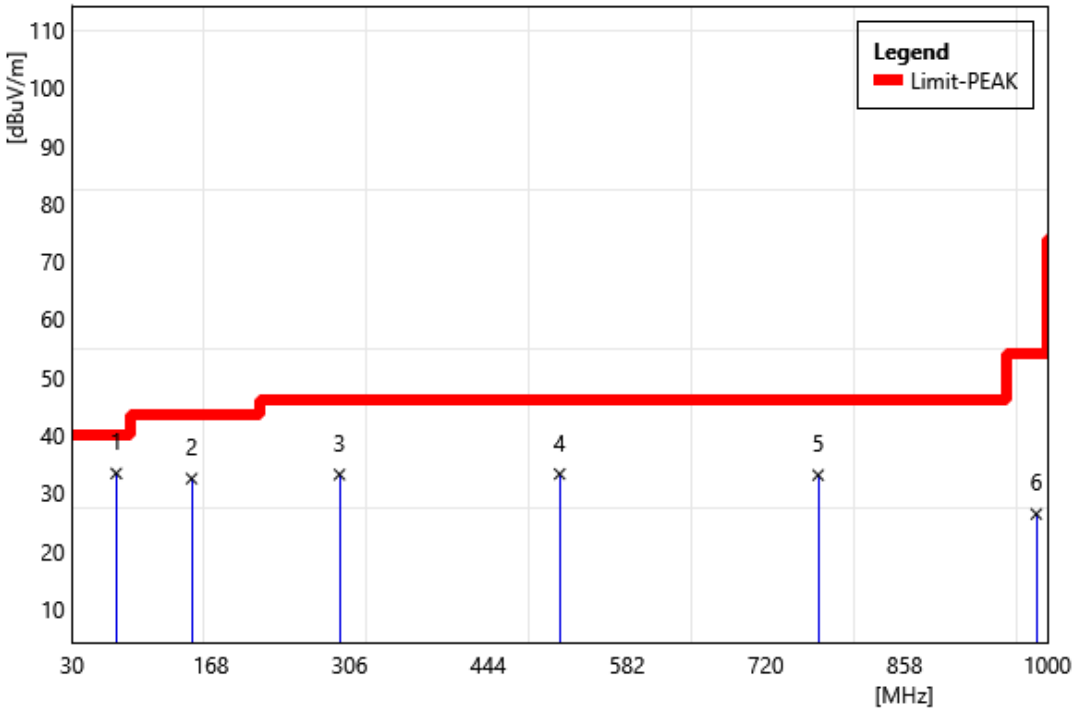


No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	75	48.42	-16.39	32.03	40	-7.97	QP
2	151	43.53	-13.13	30.4	43.5	-13.1	QP
3	217	55.17	-16.61	38.56	46	-7.44	QP
4	303	50.45	-13.17	37.28	46	-8.72	QP
5	772	43.9	-5.15	38.75	46	-7.25	QP
6	989	30.26	-3.37	26.89	54	-27.11	QP

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	15.247 PK(QP)	Test Site:	96602
Polarization:	Vertical		
Test Mode	Transmit Mode		
ReMark:	Two DC Power(Murata PSU)		



No.	Frequency MHz	Reading dBuV	Correct Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	ReMark
1	74	49.69	-16.29	33.4	40	-6.6	QP
2	149	45.93	-13.43	32.5	43.5	-11	QP
3	296	46.48	-13.28	33.2	46	-12.8	QP
4	515	42.33	-9.03	33.3	46	-12.7	QP
5	772	38.26	-5.15	33.11	46	-12.89	QP
6	989	29.76	-3.37	26.39	54	-27.61	QP

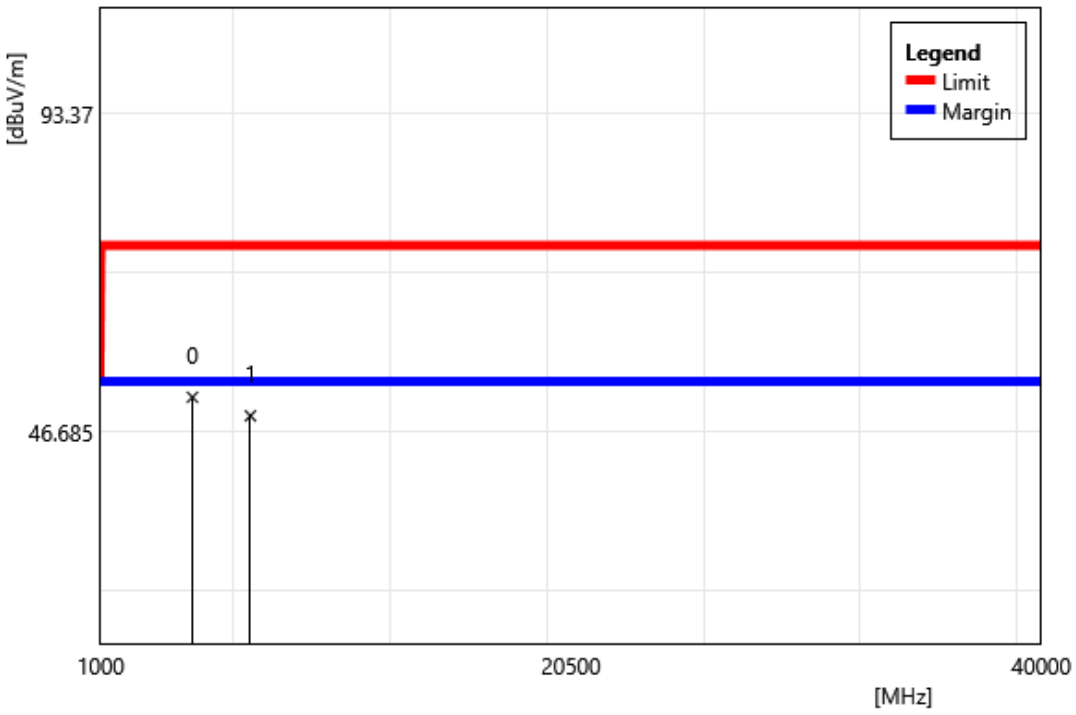
Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Harmonic

Above 1 GHz

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLE 2M 2402 MHz		
ReMark:			

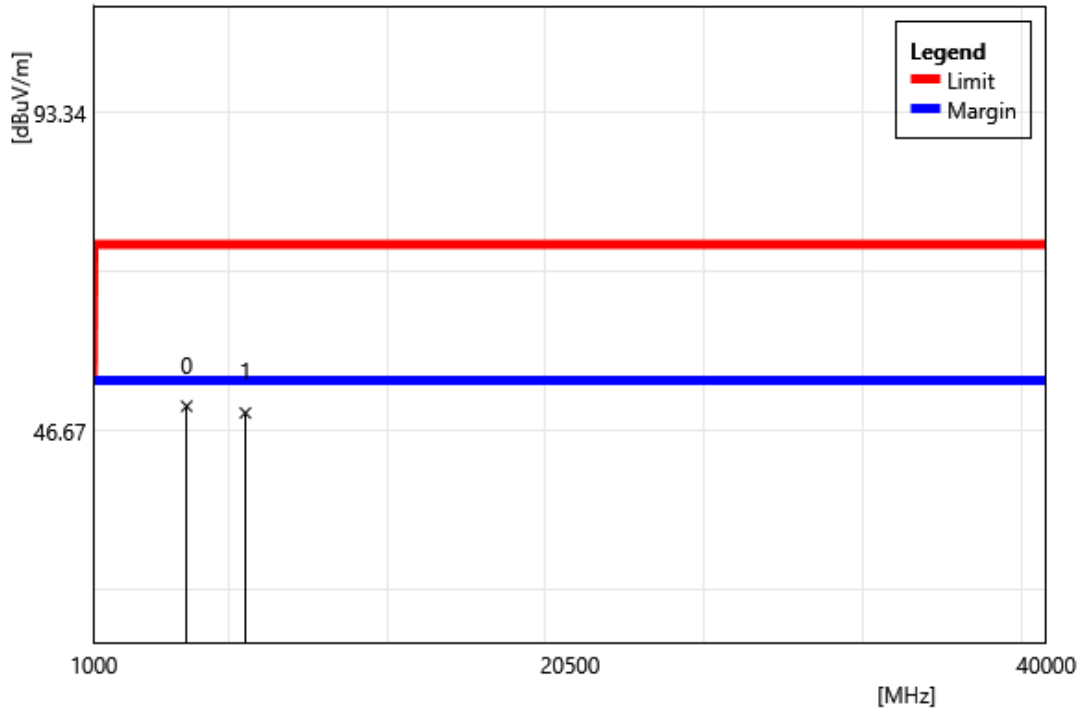


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4804	156.06	-104.33	51.73	74	-22.27	PEAK
1	7206	150.82	-101.81	49.01	74	-24.99	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLE 2M 2402 MHz		
ReMark:			

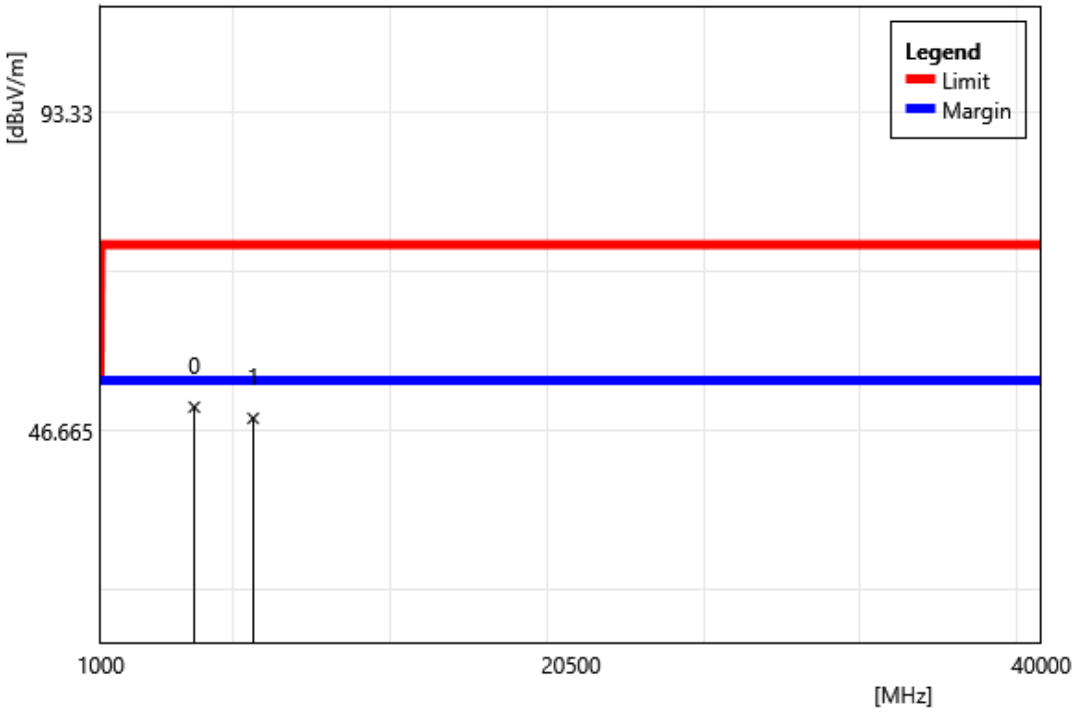


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4804	154.62	-104.33	50.29	74	-23.71	PEAK
1	7206	151.12	-101.81	49.31	74	-24.69	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLE 2M 2440 MHz		
ReMark:			

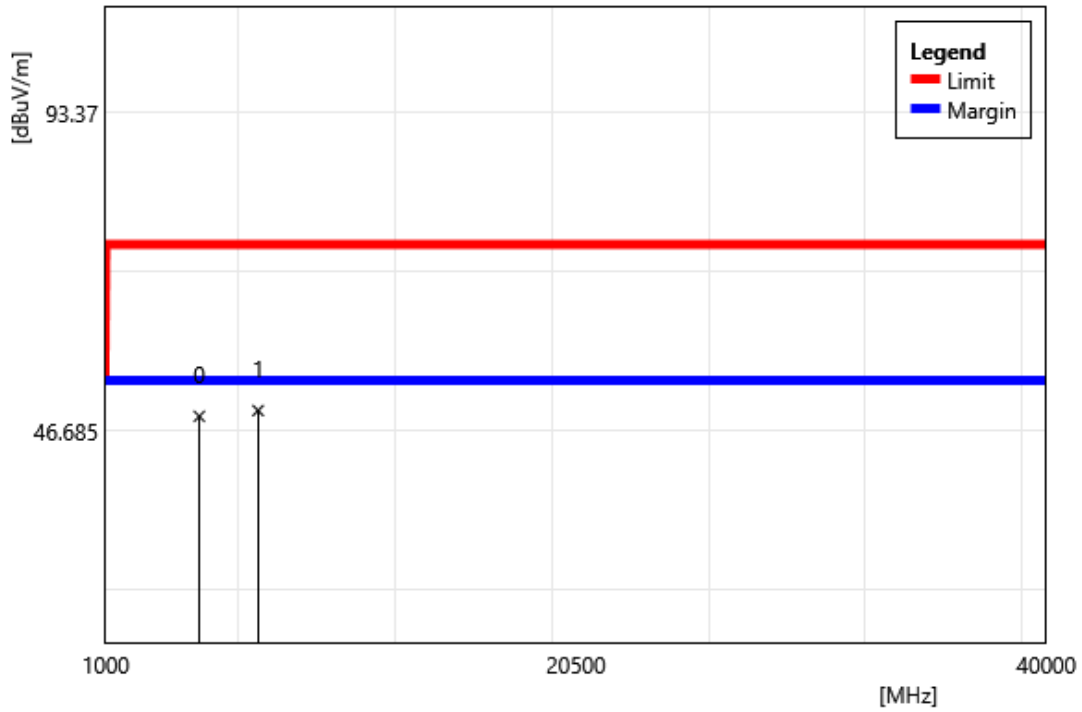


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4880	154.44	-104.27	50.17	74	-23.83	PEAK
1	7320	150.49	-101.97	48.52	74	-25.48	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLE 2M 2440 MHz		
ReMark:			

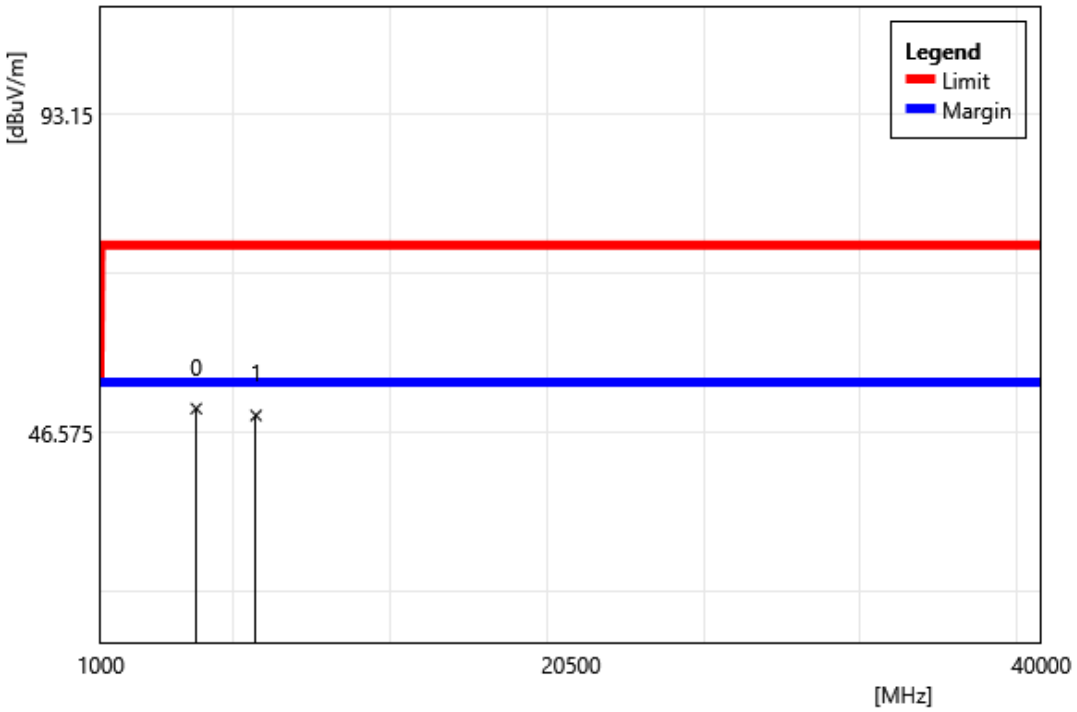


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4880	153.07	-104.27	48.8	74	-25.2	PEAK
1	7320	151.61	-101.97	49.64	74	-24.36	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLE 2M 2480 MHz		
ReMark:			

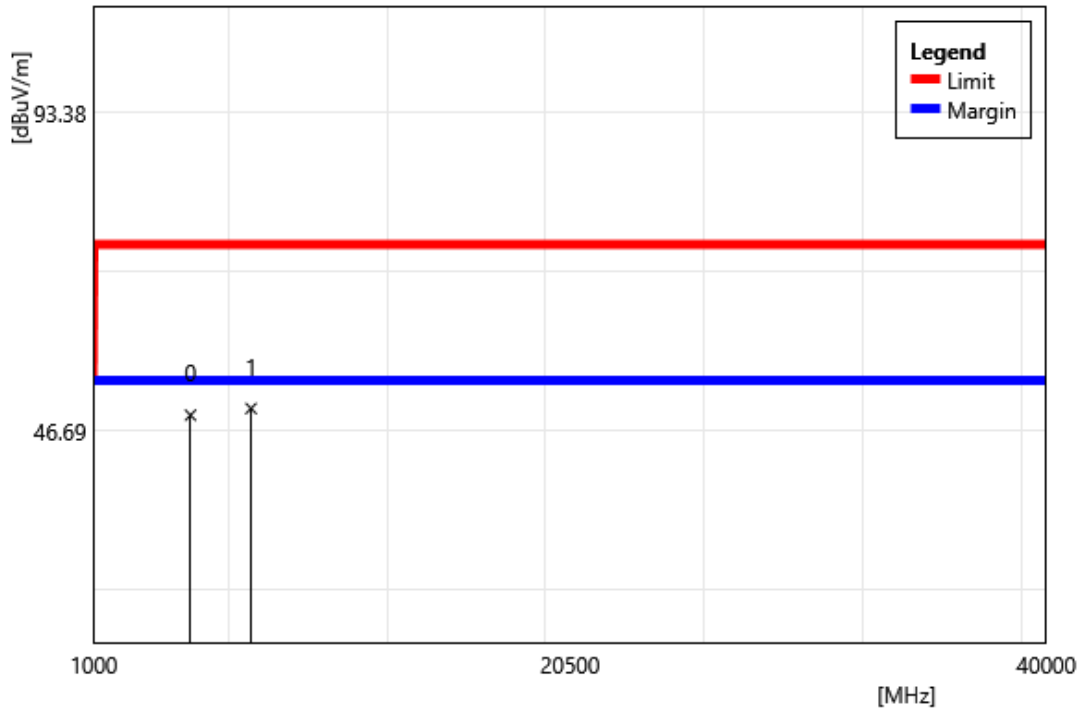


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4960	154.49	-104.43	50.06	74	-23.94	PEAK
1	7440	151.31	-102.25	49.06	74	-24.94	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLE 2M 2480 MHz		
ReMark:			

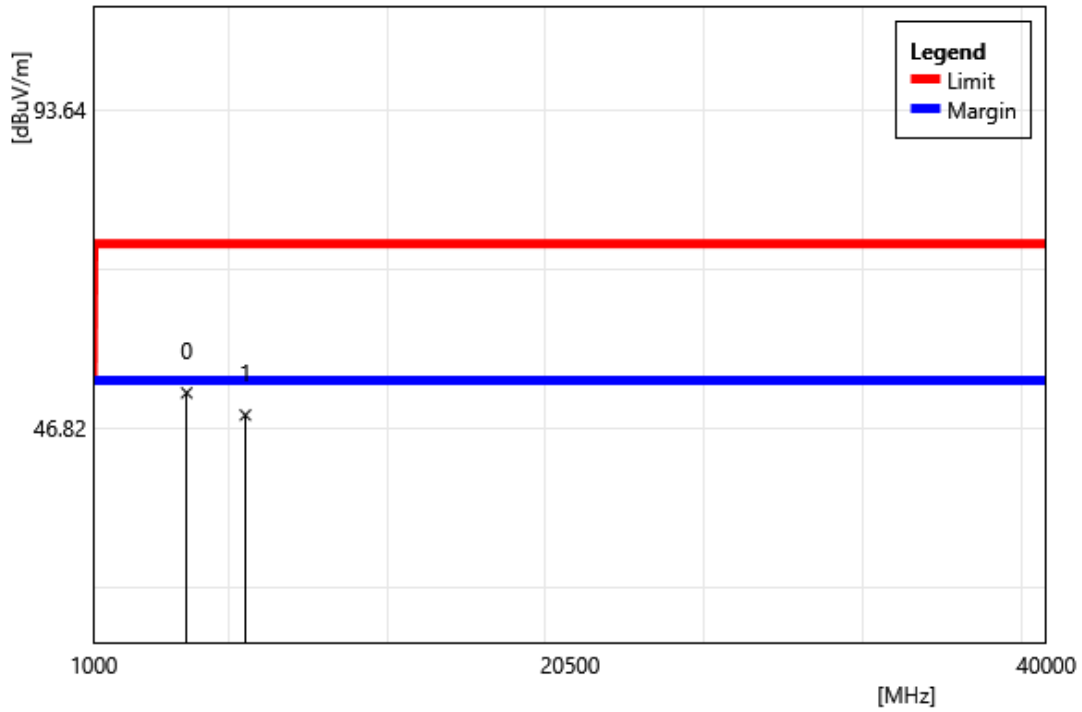


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4960	153.39	-104.43	48.96	74	-25.04	PEAK
1	7440	152.18	-102.25	49.93	74	-24.07	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLR C8 2402 MHz		
ReMark:			

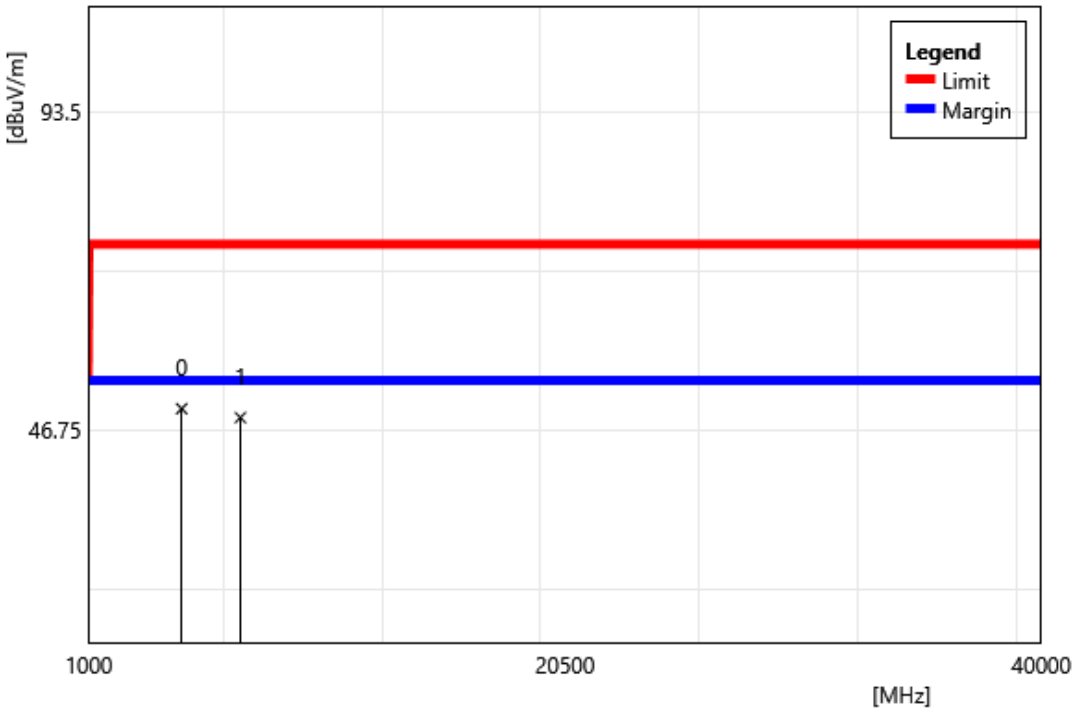


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4804	156.39	-104.33	52.06	74	-21.94	PEAK
1	7206	150.62	-101.81	48.81	74	-25.19	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLR C8 2402 MHz		
ReMark:			

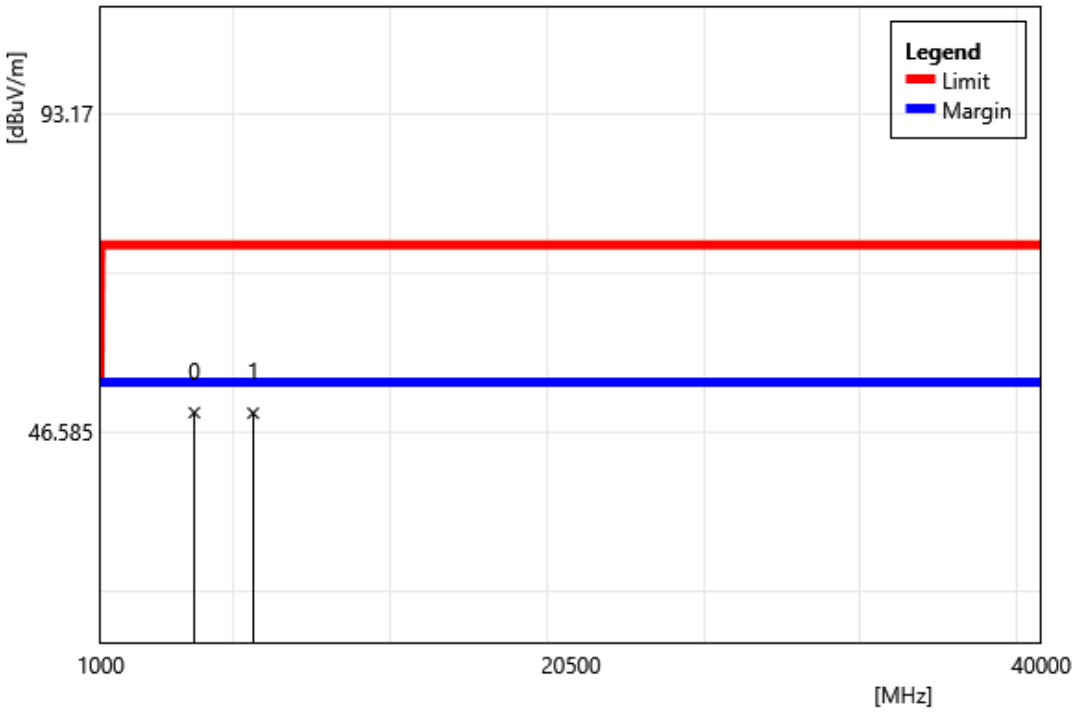


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4804	154.16	-104.33	49.83	74	-24.17	PEAK
1	7206	150.33	-101.81	48.52	74	-25.48	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLR C8 2440 MHz		
ReMark:			

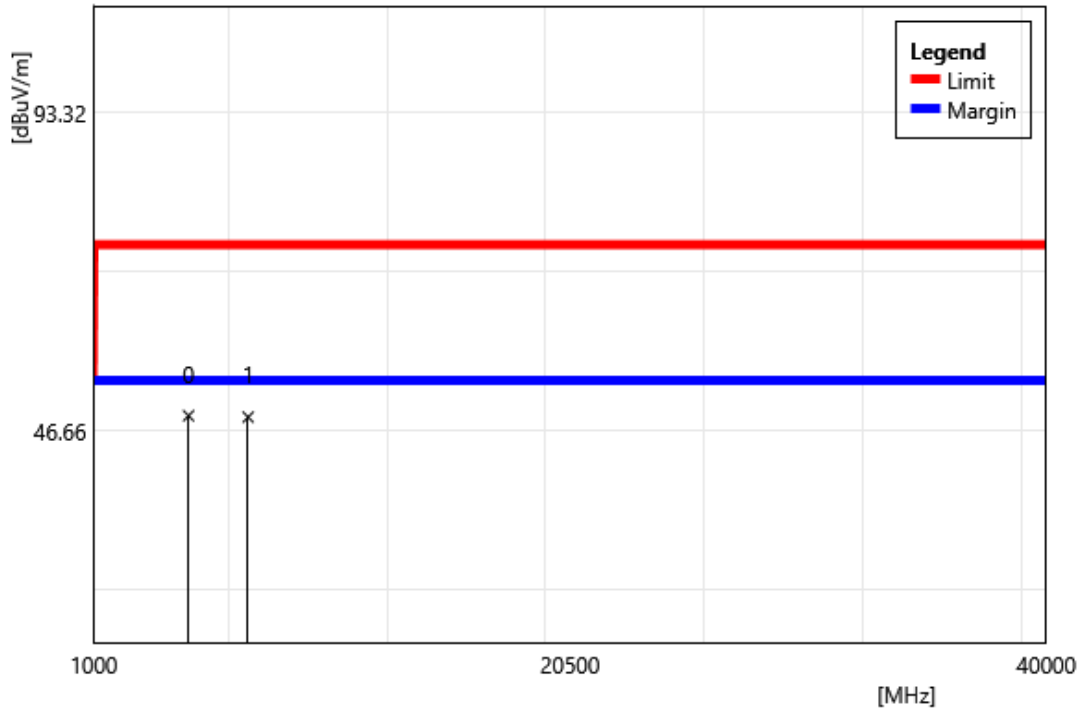


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4880	153.73	-104.27	49.46	74	-24.54	PEAK
1	7320	151.36	-101.97	49.39	74	-24.61	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLR C8 2440 MHz		
ReMark:			

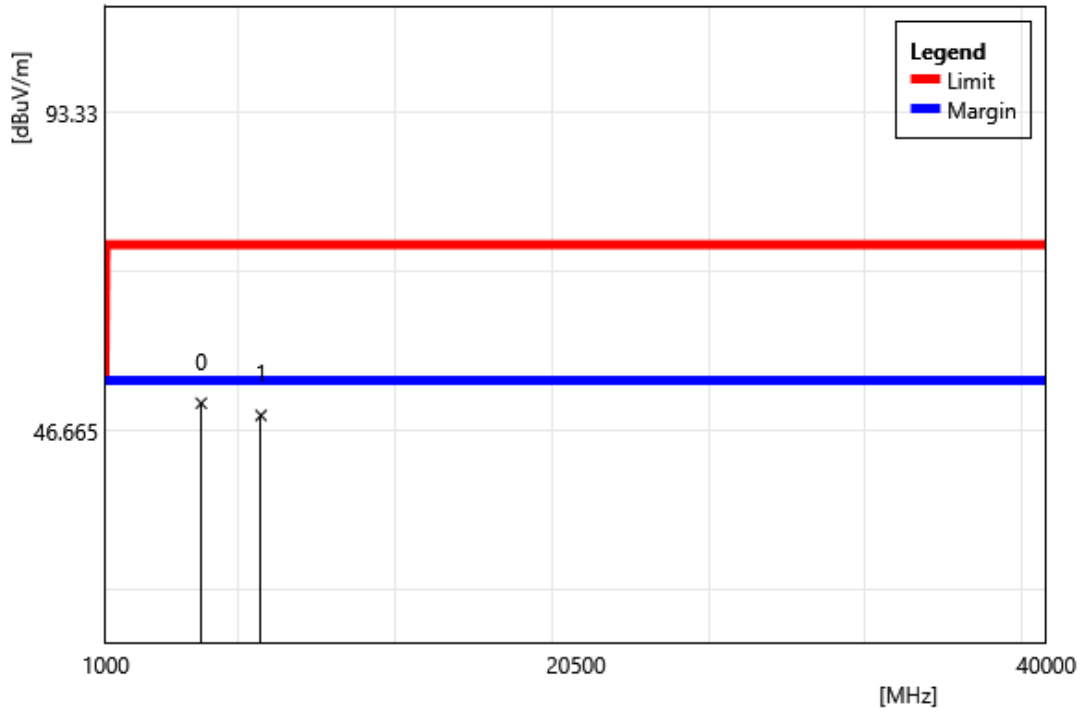


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4880	153.19	-104.27	48.92	74	-25.08	PEAK
1	7320	150.68	-101.97	48.71	74	-25.29	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLR C8 2480 MHz		
ReMark:			

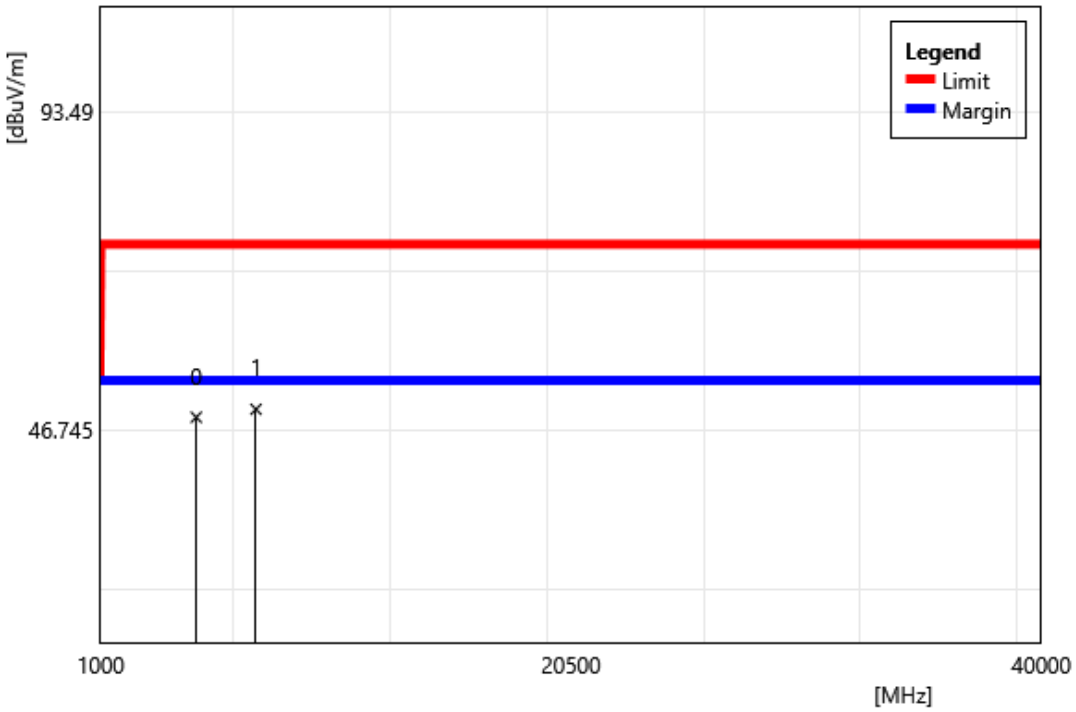


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4960	155.17	-104.43	50.74	74	-23.26	PEAK
1	7440	151.2	-102.25	48.95	74	-25.05	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLR C8 2480MHz		
ReMark:			



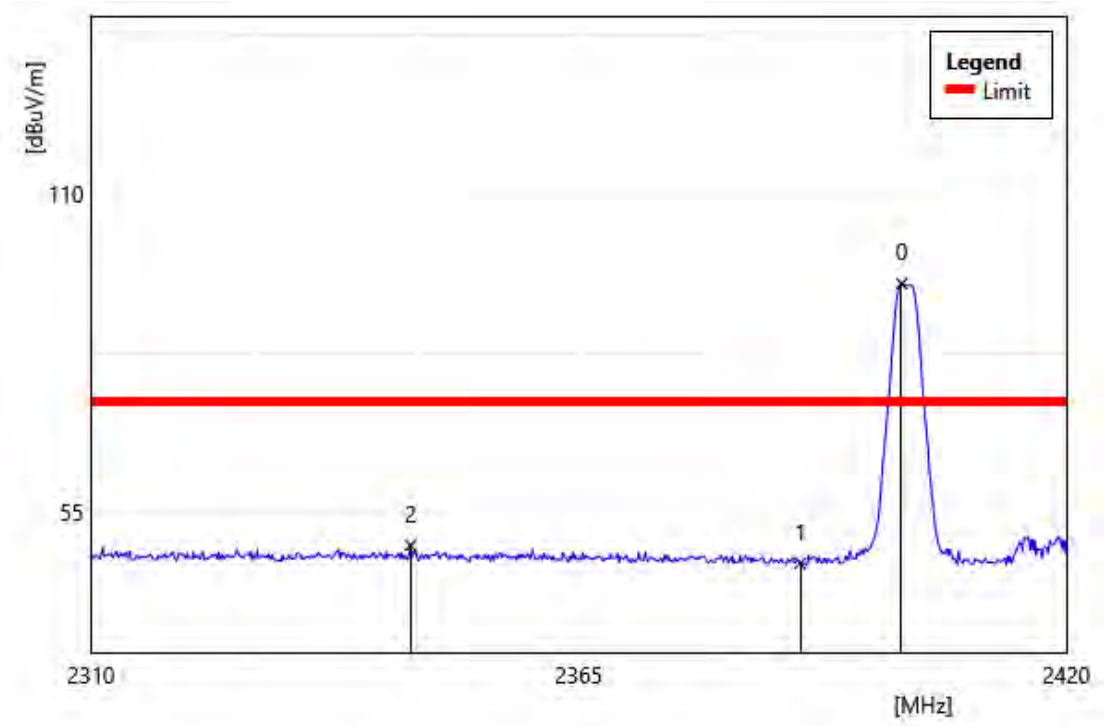
NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	4960	153.01	-104.43	48.58	74	-25.42	PEAK
1	7440	152	-102.25	49.75	74	-24.25	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Band Edge

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLE 2M 2402 MHz		
ReMark:			

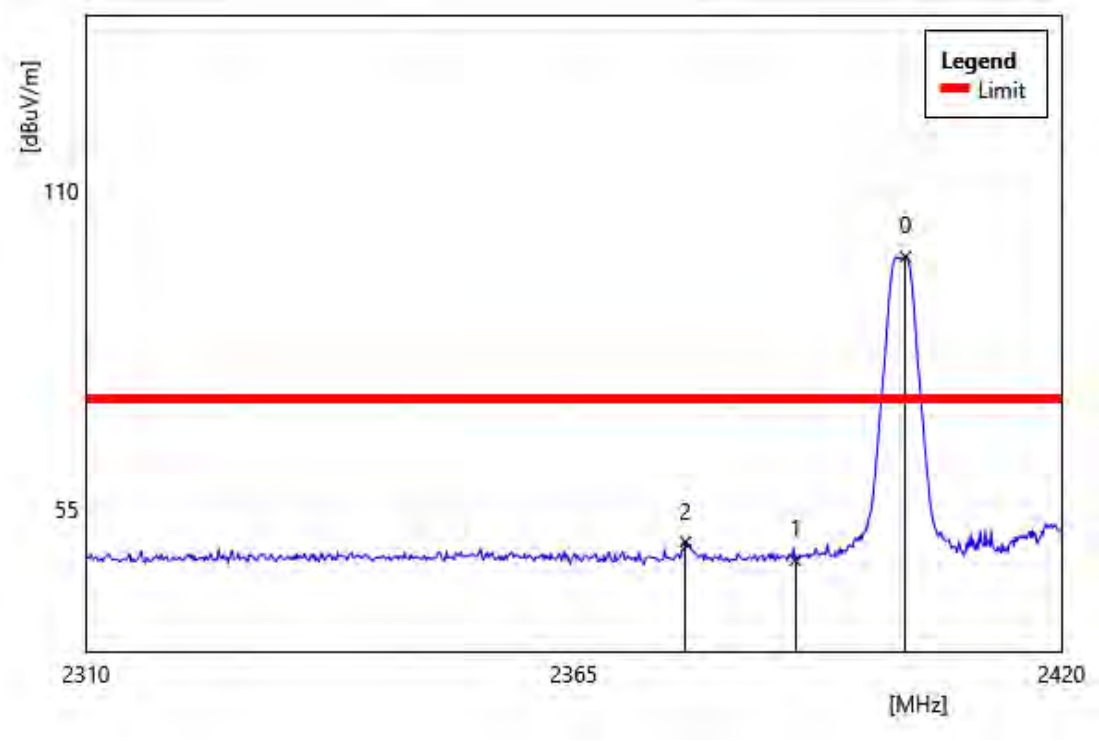


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2401.43	210.86	-116.43	94.43	74	20.43	PEAK
1	2390	162.46	-116.32	46.14	74	-27.86	PEAK
2	2346.04	165.1	-115.85	49.25	74	-24.75	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLE 2M 2402 MHz		
ReMark:			

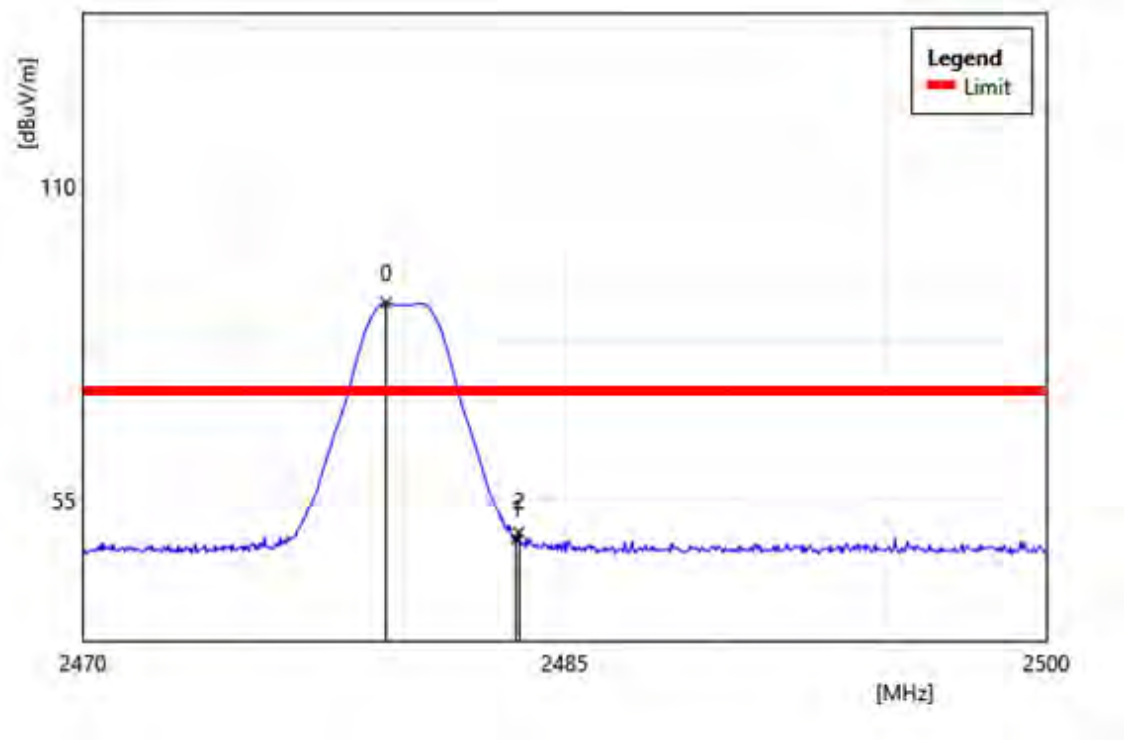


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2402.42	215.01	-116.43	98.58	74	24.58	PEAK
1	2390	162.49	-116.32	46.17	74	-27.83	PEAK
2	2377.58	165.48	-116.16	49.32	74	-24.68	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLE 2M 2480 MHz		
ReMark:			

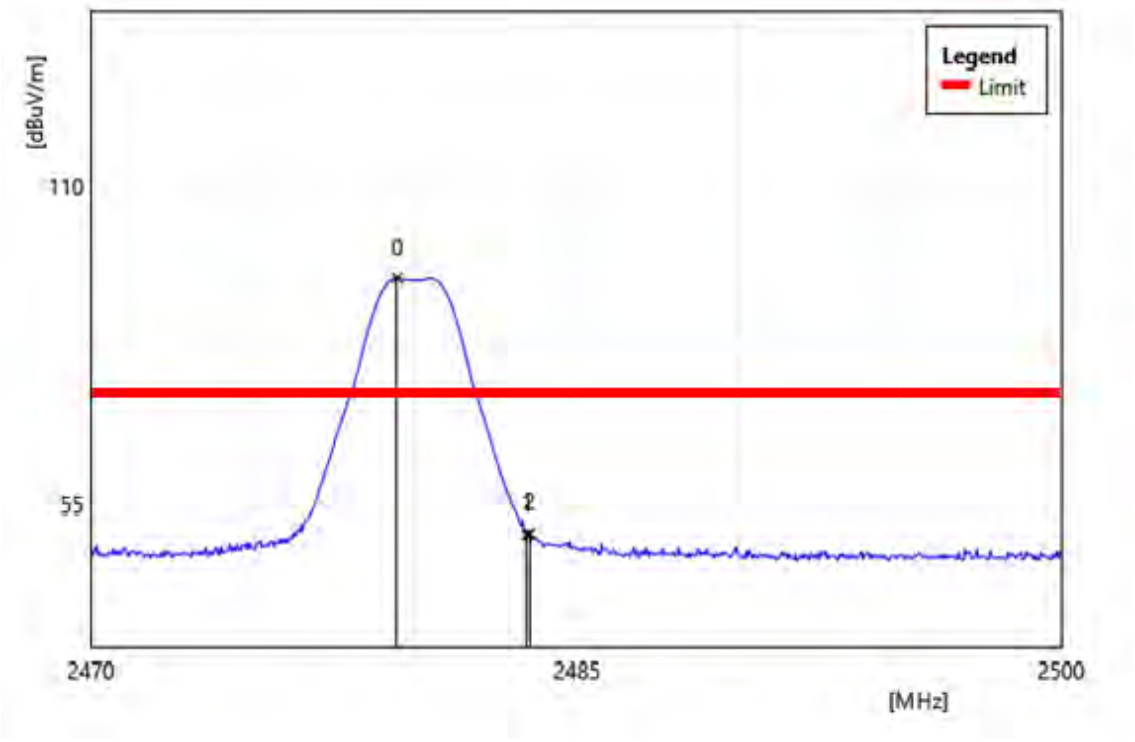


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2479.44	205.74	-116.23	89.51	74	15.51	PEAK
1	2483.5	164.32	-116.21	48.11	74	-25.89	PEAK
2	2483.58	165.51	-116.21	49.3	74	-24.7	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLE 2M 2480 MHz		
ReMark:			

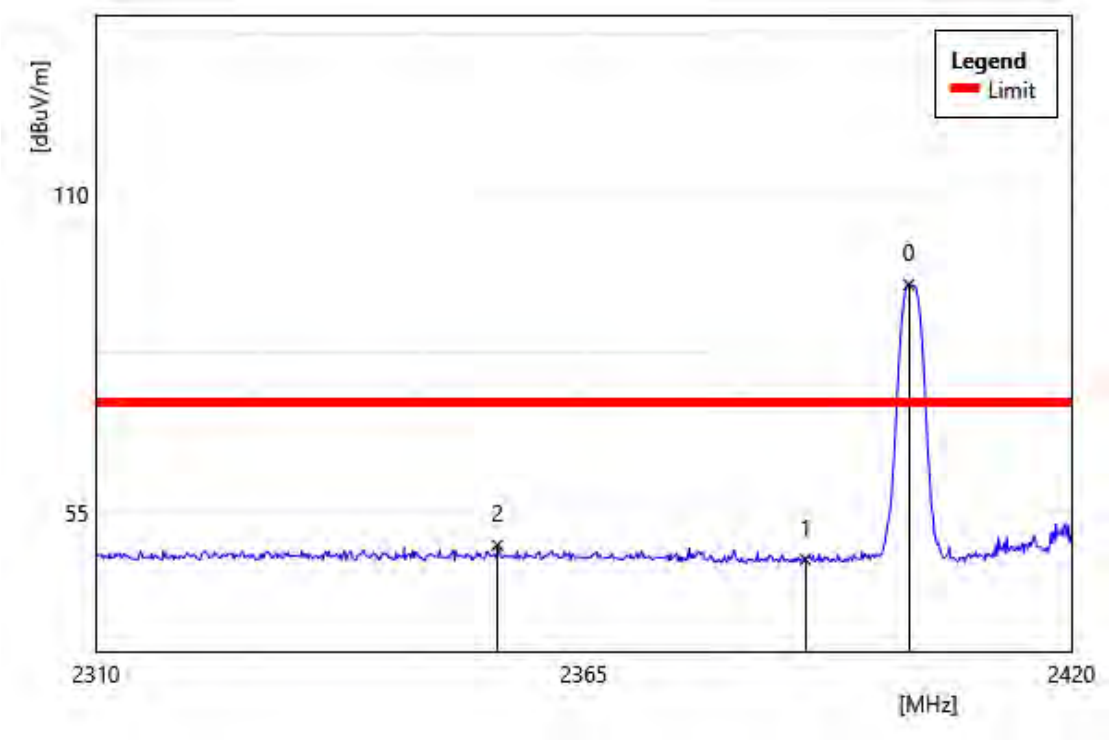


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2479.47	210.62	-116.23	94.39	74	20.39	PEAK
1	2483.5	166.2	-116.21	49.99	74	-24.01	PEAK
2	2483.58	166.42	-116.21	50.21	74	-23.79	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLR C8 2402 MHz		
ReMark:			

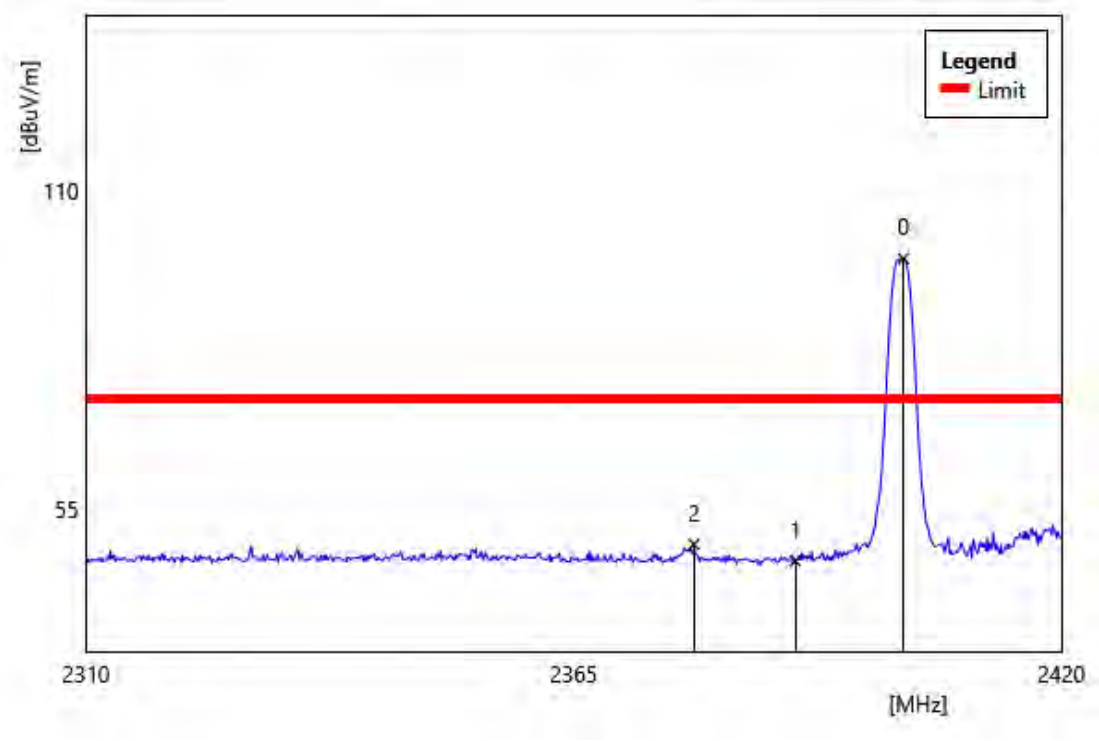


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2401.65	210.71	-116.43	94.28	74	20.28	PEAK
1	2390	163.09	-116.32	46.77	74	-27.23	PEAK
2	2355.27	165.06	-115.84	49.22	74	-24.78	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLR C8 2402 MHz		
ReMark:			

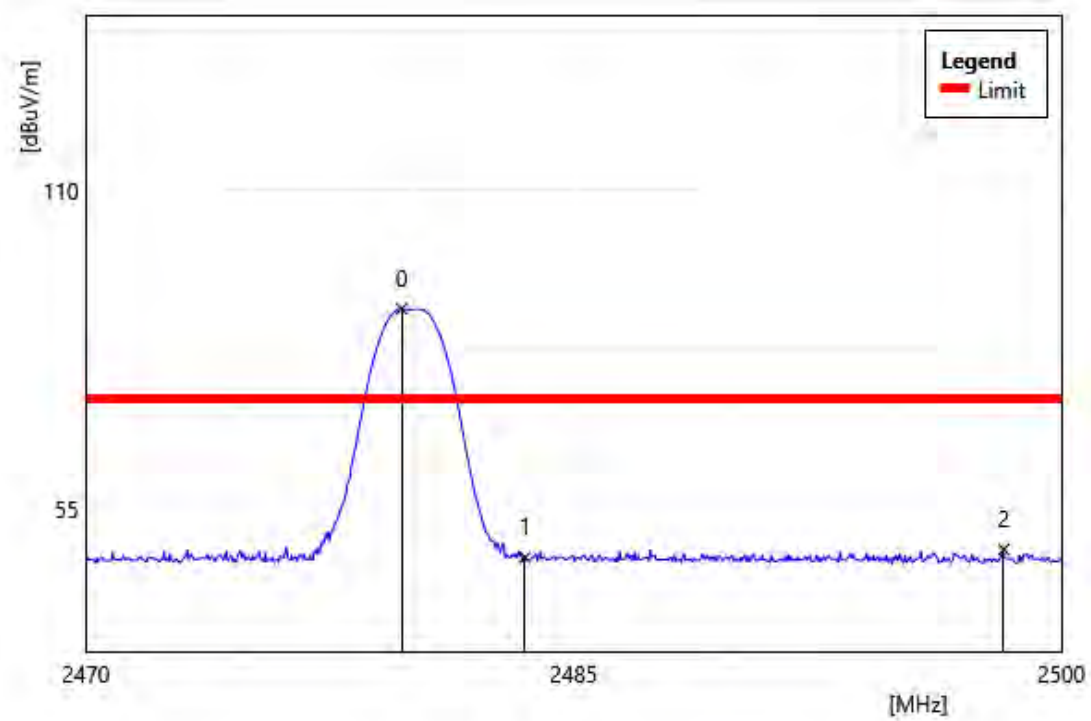


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2402.2	214.8	-116.43	98.37	74	24.37	PEAK
1	2390	162.42	-116.32	46.1	74	-27.9	PEAK
2	2378.57	165.15	-116.17	48.98	74	-25.02	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Horizontal		
Test Mode	BLR C8 2480 MHz		
ReMark:			

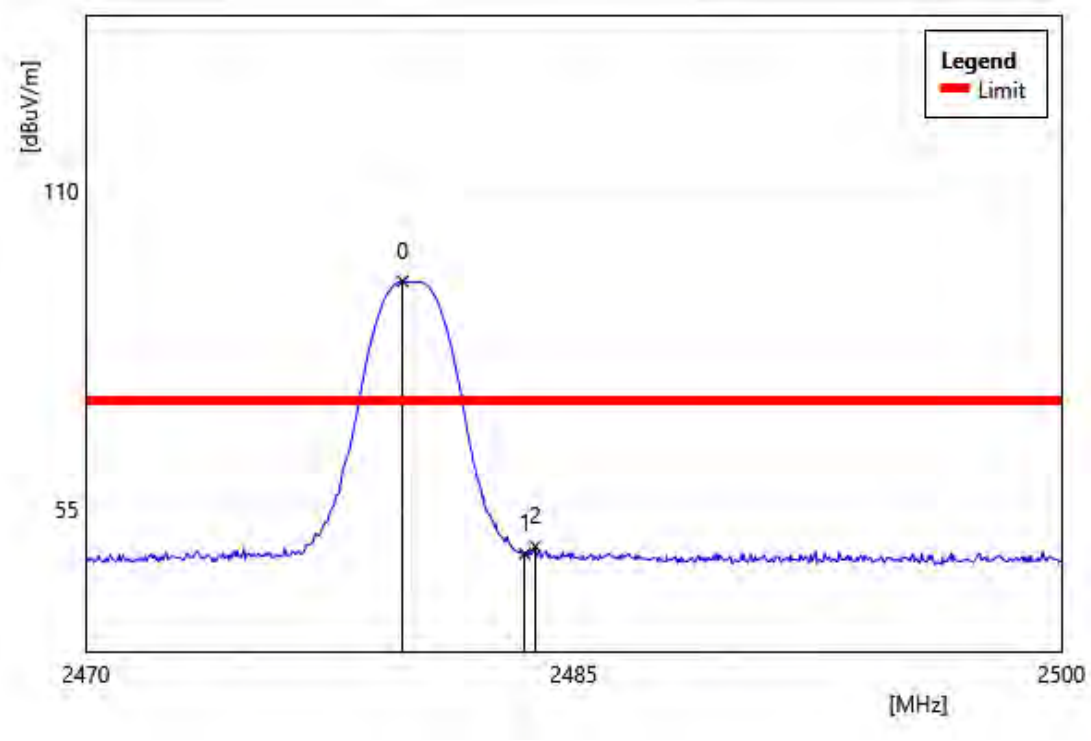


NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2479.71	205.71	-116.23	89.48	74	15.48	PEAK
1	2483.5	162.7	-116.21	46.49	74	-27.51	PEAK
2	2498.23	163.99	-116.11	47.88	74	-26.12	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

Standard:	FCC Part 15.247	Test Site:	96602
Polarization:	Vertical		
Test Mode	BLR C8 2480 MHz		
ReMark:			



NO.	FREQUENCY MHz	READING dBuV	CORRECT FACTOR dB/m	RESULT dBuV/m	LIMIT dBuV/m	MARGIN dB	REMARK
0	2479.74	210.57	-116.23	94.34	74	20.34	PEAK
1	2483.5	163.46	-116.21	47.25	74	-26.75	PEAK
2	2483.82	164.76	-116.21	48.55	74	-25.45	PEAK

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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